

HOLDRITE®

CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONSSM





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PEXRITE®

PEXRITE® provides a torchless installation, ideal for single and multi-family housing projects. PEXRITE is ideal for PEX, CPVC or Copper stub-outs.

HOLDRITE® #117 Series

Meets or exceeds Plumbing Codes and CISPI installation guidelines for restraining hubless cast iron soil pipe joints against separation during high thrust conditions.

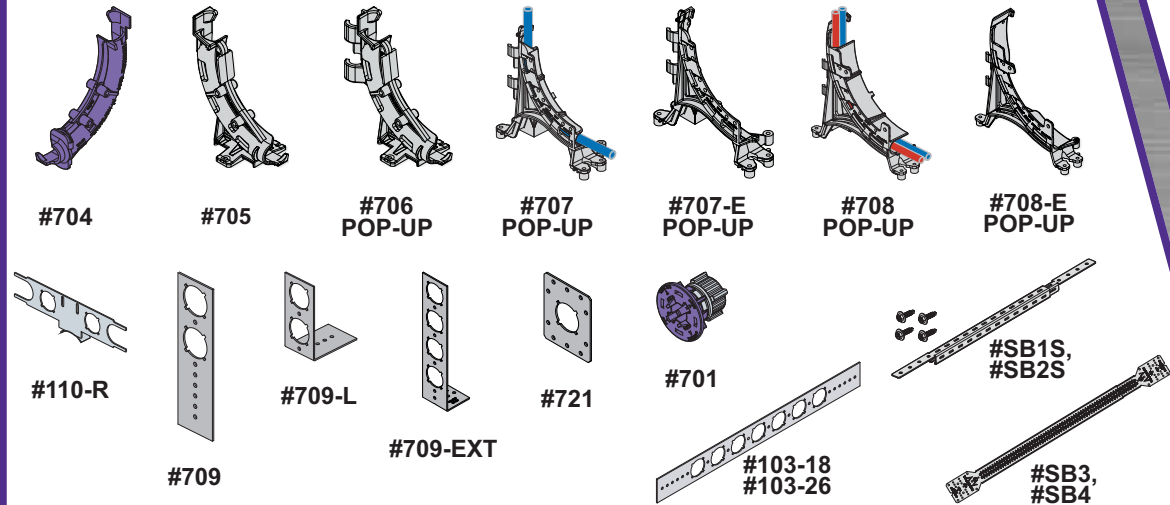
Quick Stand™ Platform

Third party testing confirms the strength and reliability of the galvanized steel construction of HOLDRITE's line of water heater and equipment supports.

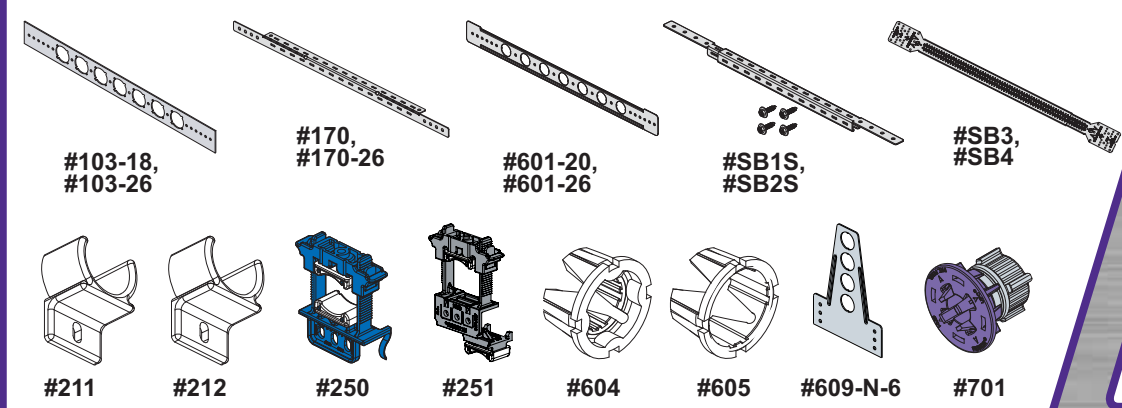
HOLDRITE® HydroFlame™

These UL Classified systems provide superior waterproofing and firestopping capabilities to help safeguard property from water damage, while protecting lives against the dangers of fire and smoke.

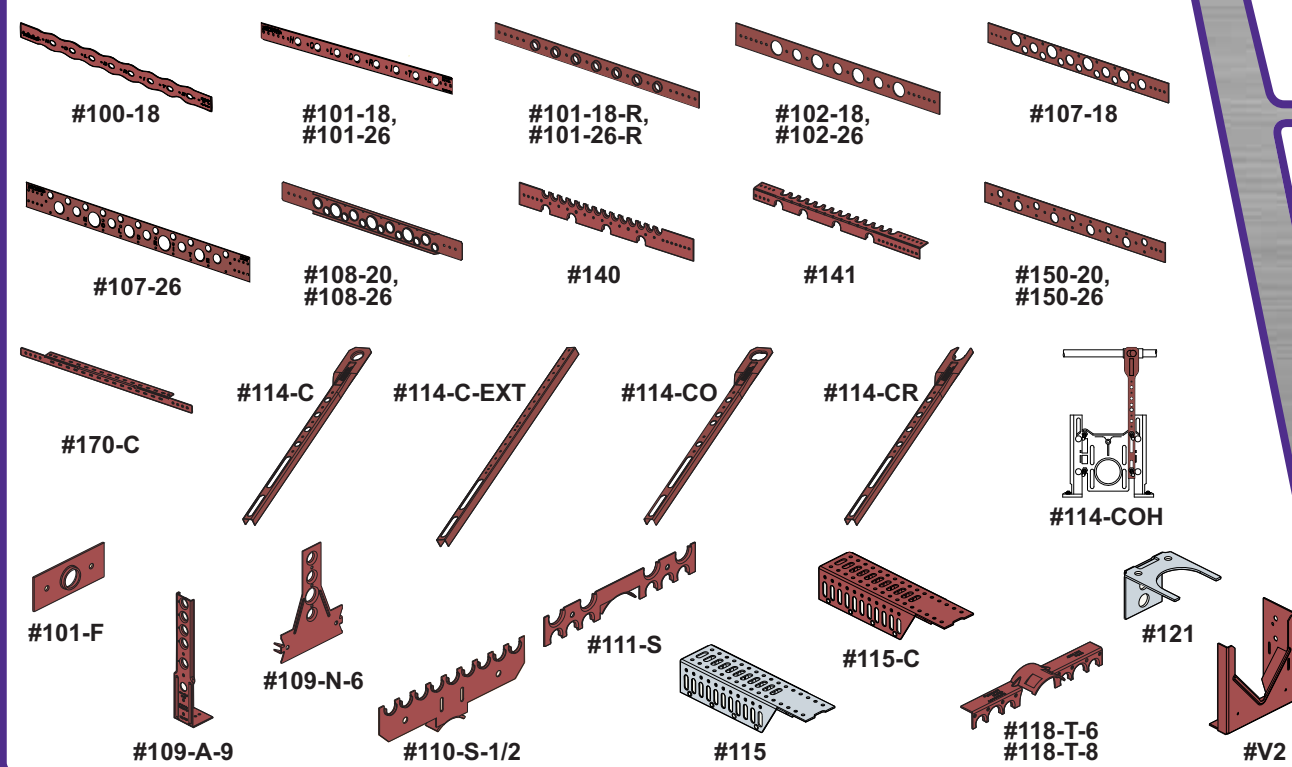
PEXRITE® PEX SUPPORTS



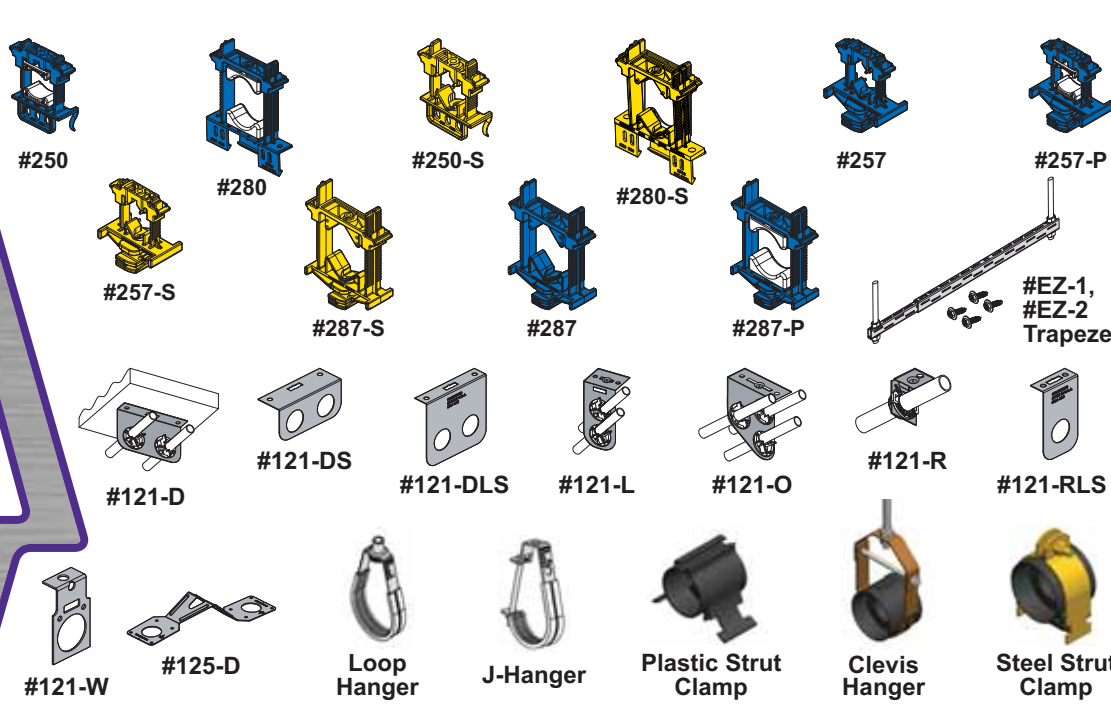
LOCKRITE® CPVC SUPPORTS



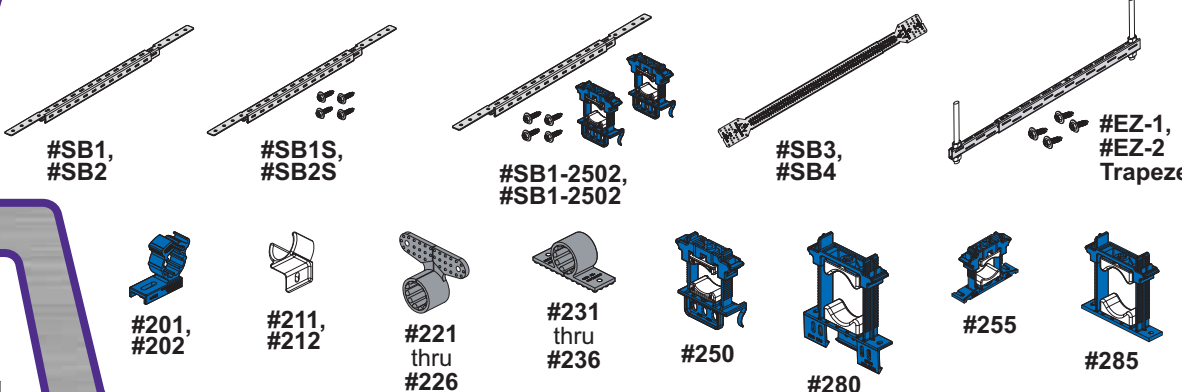
HOLDRITE® COPPER SUPPORTS



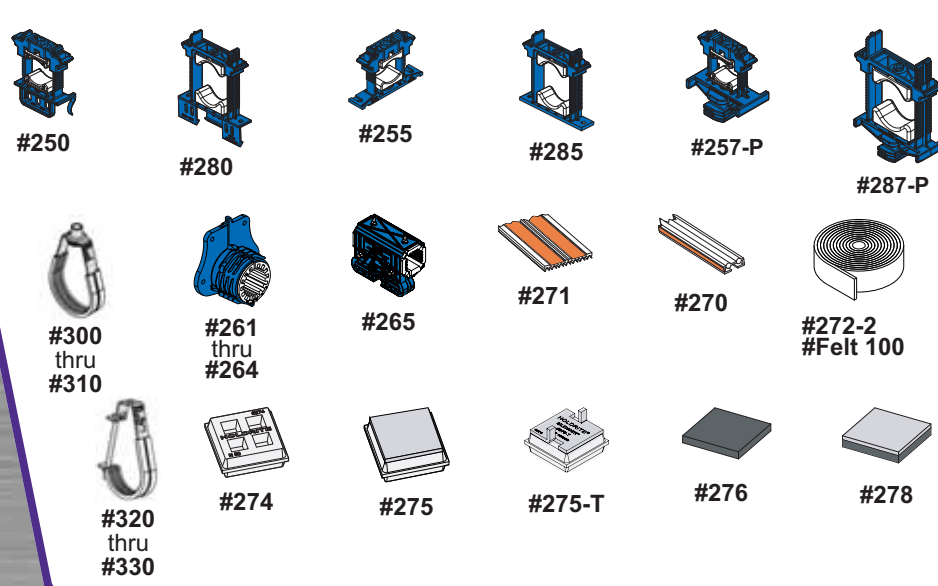
HOLDRITE® OVERHEAD SUPPORTS



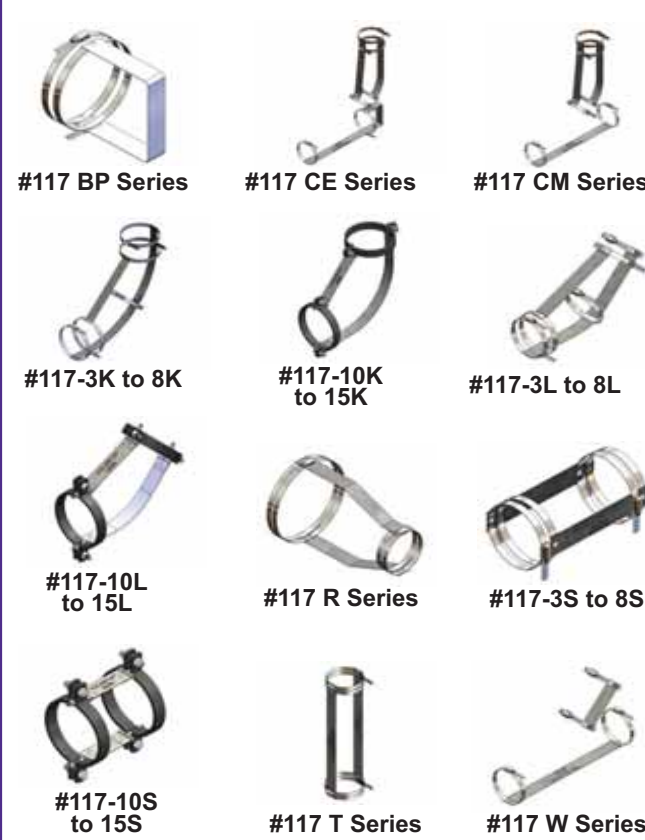
HOLDRITE® TELESCOPING SOLUTIONS



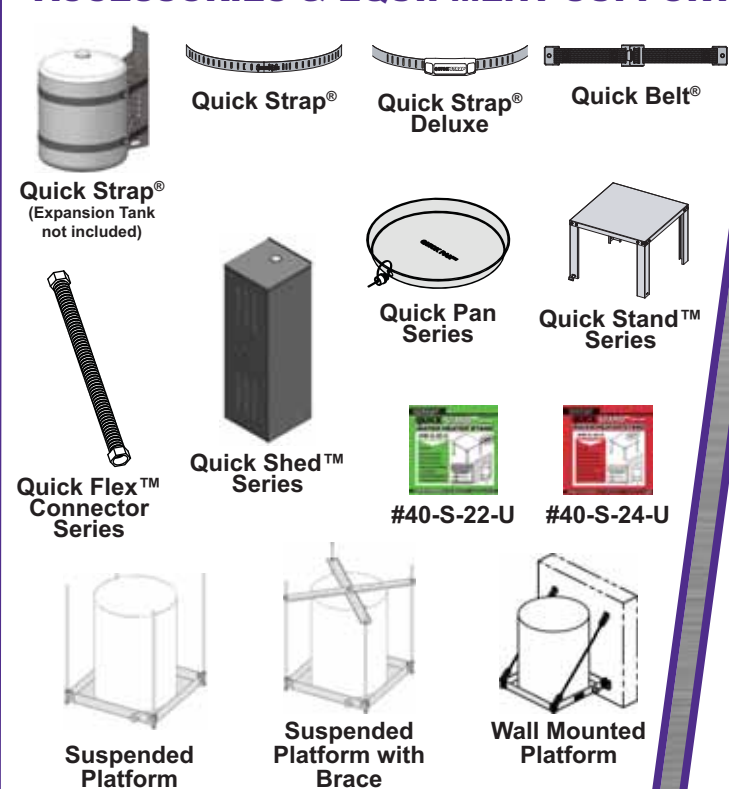
HOLDRITE® SILENCER™ ACOUSTIC ISOLATION



HOLDRITE® #117 NO-HUB FITTING RESTRAINTS



QUICK BRAND WATER HEATER ACCESSORIES & EQUIPMENT SUPPORTS



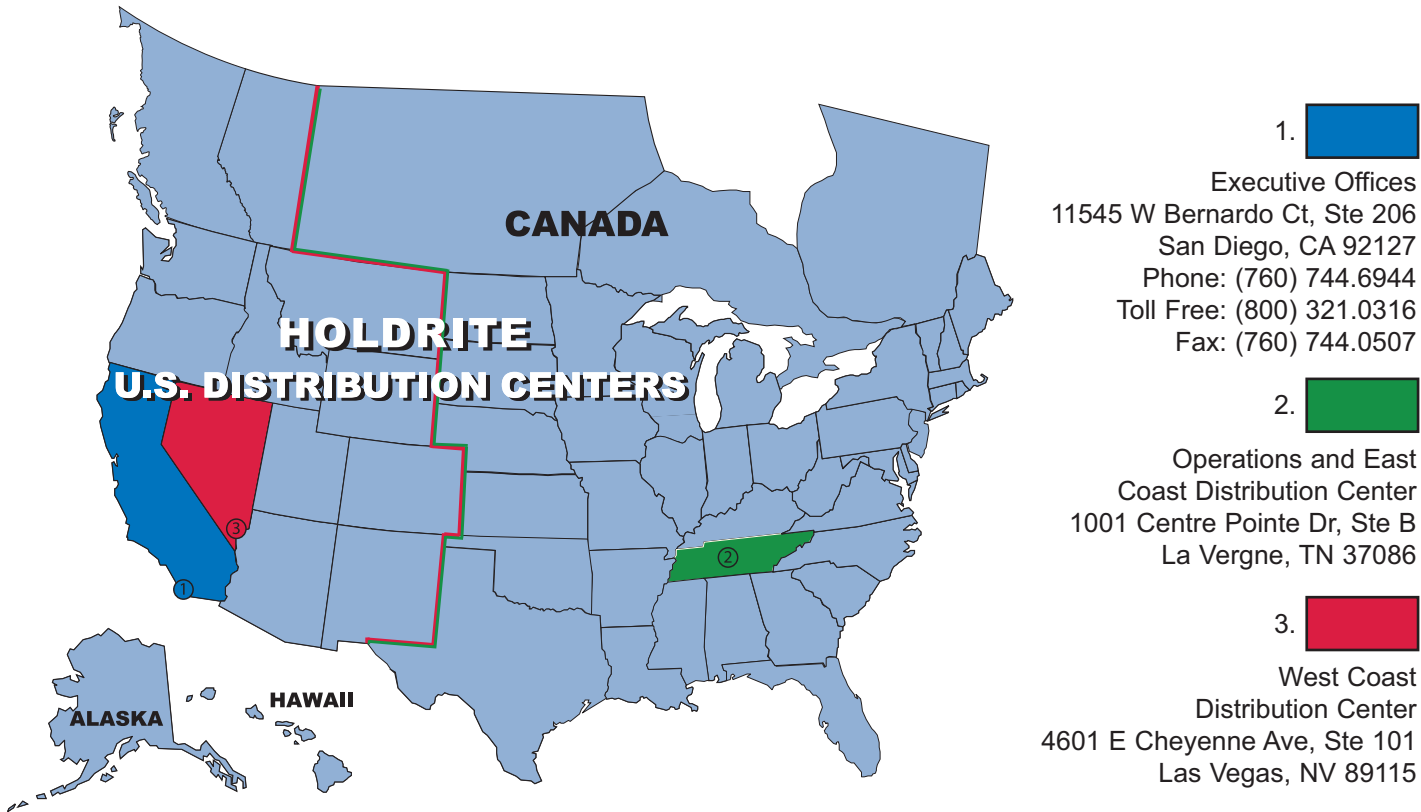
HOLDRITE® HYDROFLAME™ WATER & FIRESTOP SOLUTIONS



HOLDRITE® INSERTS & CLAMPS



Distribution and Shipping Policy



HOW TO ORDER:

Visit us on the web at www.holdrite.com to find a sales representative in your area, or give us a call at 1-800-321-0316. Orders should be faxed to (760) 744-0507.

ADDITIONS AND CHANGES:

Orders normally ship within 24 hours. We make every effort to comply with your instructions. We will accept changes to orders; however, additional freight charges may be incurred.

PRODUCT RETURNS:

All returns must comply with the established guidelines below:

- (a) A Return Goods Authorization number is required. Any product received without our RGA number will be refused. THE RGA IS VALID FOR 30 DAYS FROM ISSUE DATE. Returns not received within 30 days will be refused.
- (b) Returns must be shipped freight prepaid back to distribution center.
- (c) All returned products must be (1) in full box quantities, (2) of current design and material, and (3) in saleable condition.
- (d) A credit memo will be issued against the Distributor's Net Price at the time of return, and will only be issued once quantities have been verified. Credit memos are only issued for full box quantities. Broken boxes, unsaleable material, specials or discontinued products will not be considered for credit.
- (e) A 25% RESTOCKING FEE WILL BE CHARGED FOR ALL RETURNS.
- (f) All product returns are subject to the above terms and conditions.

ERRORS & SHORTAGES:

Shipping errors (e.g. wrong sizes or shortages) must be reported within 15 days.

DAMAGE TO FREIGHT:

Any shipment that appears to be damaged in shipping must be noted when signing for receipt of delivery.

LIABILITY OF MISUSE:

HOLDRITE® will not be liable for damages or injury to property or persons due to improper installation of products, attempts to utilize the material under conditions which exceed the designed capabilities, or using the products other than as intended. Purchaser agrees to indemnify and hold us harmless for any and all claims, liabilities, damages, costs, and expenses asserted against us or incurred by us because of injuries to persons or damage to property resulting from the improper installation or misuse of the products.

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HOLDRITE® Company Overview

The last three decades have seen HOLDRITE® evolve from a single-product family business to an acknowledged leader in the plumbing industry with international presence. Hundreds of millions of HOLDRITE® products have been installed into a wide variety of construction projects, from single-family and multi-family housing to hotels, motels, healthcare institutions and many other market sectors. By understanding both the large project perspective and specific application requirements, HOLDRITE® has developed solutions that assist in establishing a “shop standard” for the collaborative efforts of developers, architects, engineers and contractors.

CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONSSM

HOLDRITE® has established a reputation as a leading manufacturer known for innovative products and services in such categories as pipe support systems, acoustical noise and vibration plumbing solutions, sleeving and firestopping systems, equipment supports and water heater accessories. The construction industry has seen fluctuating material costs and challenging market conditions, resulting in contractors looking to reduce their overall installation costs to stay competitive and grow their

market share. This has significantly influenced changes in material type preferences and installation methodologies. HOLDRITE® continues to develop innovative products that support Copper, PEX, CPVC tubing, Steel Pipe, CSST, Cast Iron and other material types.

HOLDRITE® also offers value-added No-Cost Services to the plumbing contractor, wholesaler, mechanical engineer, and architect to assist with multiple stages in the project. These “VIP Services” include specification and submittal assistance, 3-D product drawings, custom installation detail pages, and material “take-off” assistance to help plan for product inventory control and efficiencies. As always, HOLDRITE® will stay at the forefront of the construction industry by offering innovative and cost-effective products that are optimized to be the best solution for the total application.



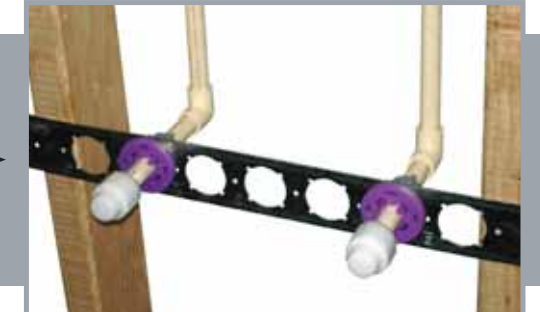
HOLDRITE® Supports CANADA

Converting Makeshift Methods into **Engineered Solutions**

Makeshift Methods

Engineered Solutions

LAVATORY / SINK



WATER HEATER SUPPORT



VERTICAL



SHOWER HEAD



PEX SUPPORT AND ALIGNMENT SOLUTIONS



The Torchless Installation™

Minimizes Concealed Joints

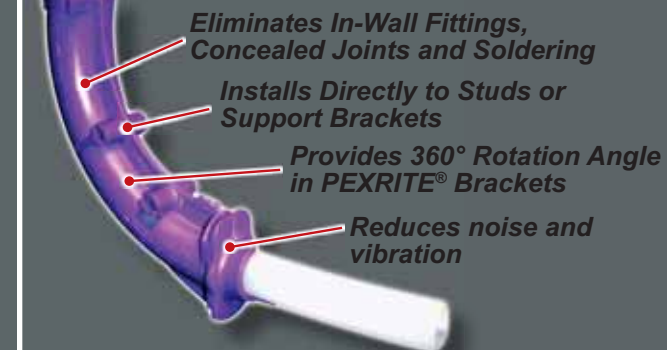
Reduces In-Wall Fittings

Flame-free Environment at Stub-Out Location

Compatible with All PEX Manufacturers

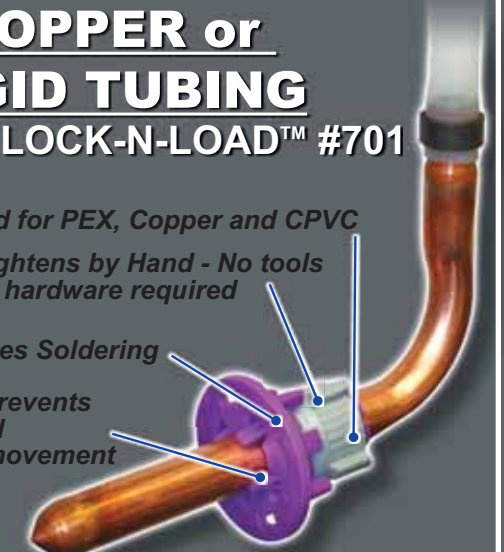
Pick your Stub-Out Method

PEX PEXRITE® TURN-OUT #704



COPPER or RIGID TUBING PEXRITE® LOCK-N-LOAD™ #701

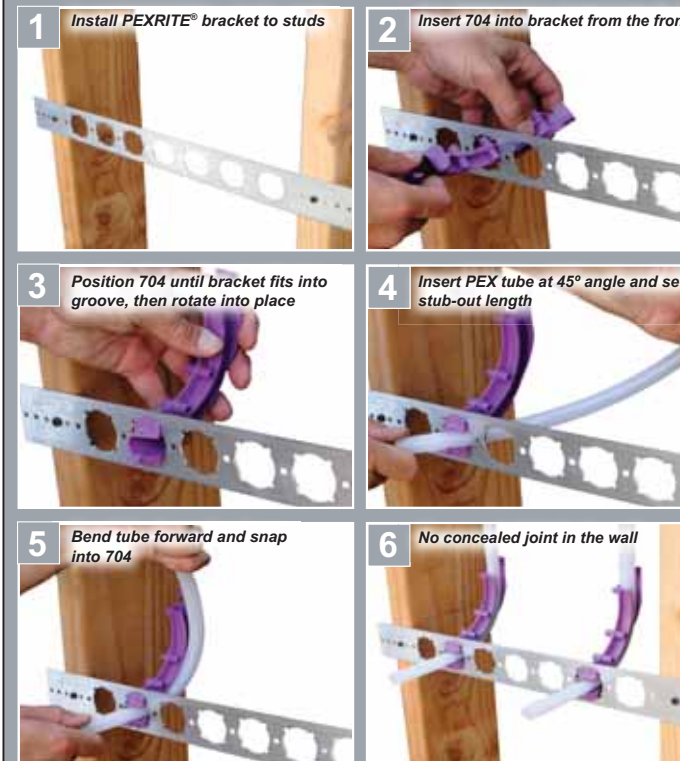
Designed for PEX, Copper and CPVC
Tightens by Hand - No tools or hardware required
Eliminates Soldering
Secure fit prevents forward and backward movement



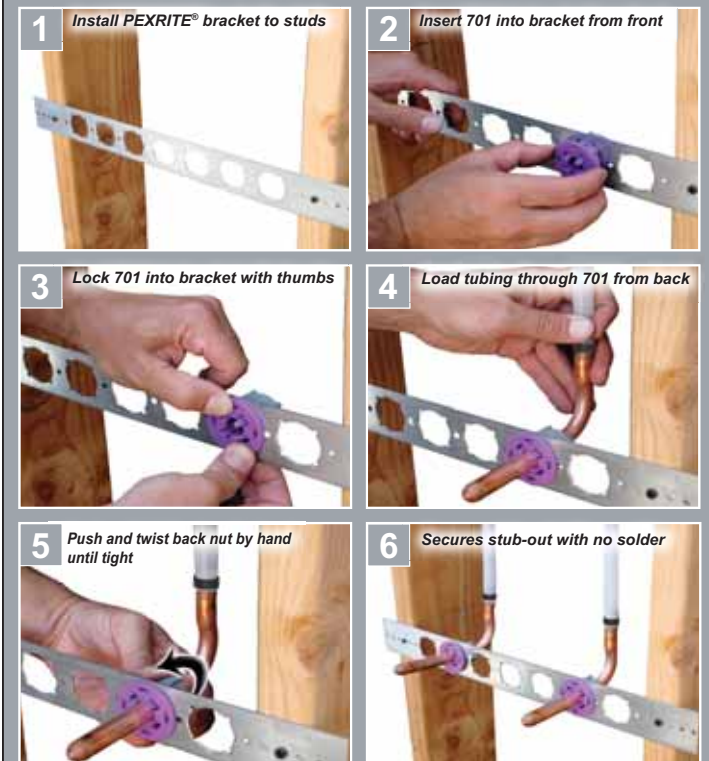
#103-18



PEXRITE TURN-OUT #704 INSTALLATION INSTRUCTIONS



PEXRITE LOCK-N-LOAD #701 INSTALLATION INSTRUCTIONS



For use with **PEXRITE® Brackets Only**

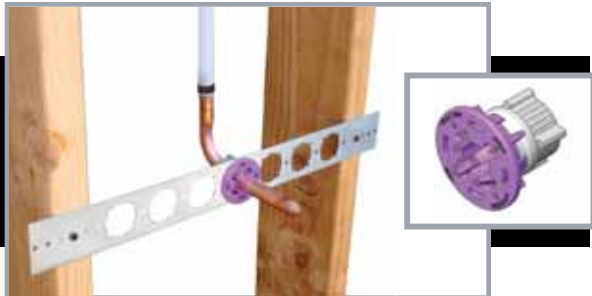
View a 3-minute Installation Video at
www.holdrite.com/media/video



HOLDRITE® – #103-18, #103-26

- Versatile bracket ideal for sink, lavatory & toilet stub-out solutions
- Galvanized steel bracket with 1-3/8" keyed holes on 2" centers
- Integrates with PEXRITE #701 & #704 with patented connection and other HOLDRITE inserts

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|--------------------|---------|
| 103-18 | 20" | 1/2", 3/4", 1" CTS | 50 |
| 103-26 | 26" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® LOCK-N-LOAD™ – #701

- Stub-out clamp ideal for 1/2" CTS PEX-to-Copper transition at lavatory/sink or toilet
- Integrates with #103, #110-R, and #709 series brackets
- Compatible with PEX, Copper, and CPVC
- Tightens by hand - No tools required
- Eliminates soldering
- Secure fit resists forward and backward movement

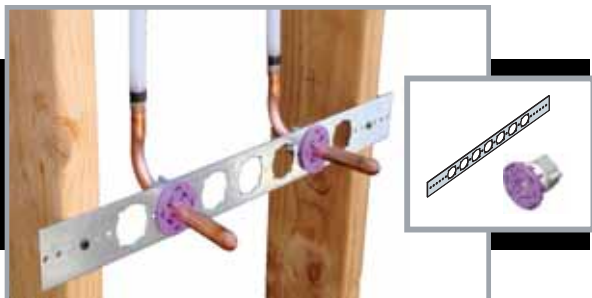
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 701 | 2" x 1-3/4" | 1/2" CTS | 50 |



PEXRITE® – #704

- PEX turnout integrates with #103, #110-R, and #709 series brackets
- Can be installed directly to stud
- Eliminates in-wall fittings and concealed joints
- Provides 360-degree turning radius when used with PEXRITE brackets
- Torch-free environment at stub-out location
- Eliminates the need for costly copper bullets
- Compatible with all PEX tubing manufacturers

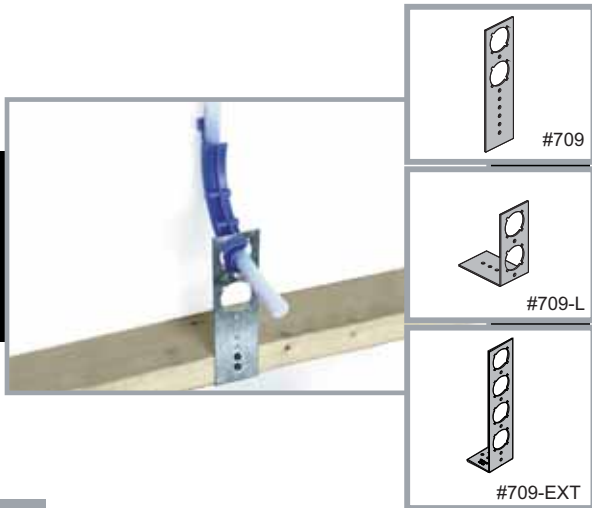
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 704 | 3-1/4" X 5-1/2" | 3/8" - 1/2" CTS | 100 |



HOLDRITE® – #103-18-701, #103-26-701

- Ideal for lavatory/sink and toilet stub-outs
- Sold in bulk packaging
- #103-18-701 includes 20" brackets and 1/2" CTS #701 stub-out clamps
- #103-26-701 includes 26" brackets and 1/2" CTS #701 stub-out clamps

| Model# | Size | For Pipe Size(s) | Box Qty |
|------------|-------------|------------------|------------------------|
| 103-18-701 | 20" Bracket | 1/2" CTS | 50 Brackets/100 Clamps |
| 103-26-701 | 26" Bracket | 1/2" CTS | 50 Brackets/100 Clamps |



HOLDRITE® – #709, #709-L, #709-EXT

- Ideal for toilets and hose bib stub outs
- Galvanized steel brackets with 1-3/8" keyed holes
- Allows for 360-degree orientation when used with #701/#704
- #709 provides 4-1/4" and 6-1/4" center line heights
- #709-L provides 1-3/8" and 3-3/8" center line off stud/plate (3" & 5" off floor)
- #709-EXT provides 2", 4", 6", and 8" center line heights off plate or floor

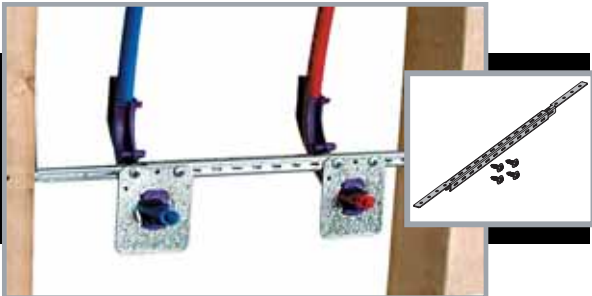
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|------------------|---------|
| 709 | 7-1/2" X 2" | 3/8" - 1" CTS | 50 |
| 709-L | 4-1/4" X 3-1/4" X 2" | 3/8" - 1" CTS | 50 |
| 709-EXT | 9" X 2-1/8" X 2" | 3/8" - 1" CTS | 50 |



HOLDRITE® – #721

- Attaches to framing or directly to HOLDRITE Stout Bracket®
- Ideal for lavatory or toilet stub-outs
- Galvanized steel bracket with 1-3/8" keyed hole
- Allows for 360-degree orientation when used with #701/#704 inserts

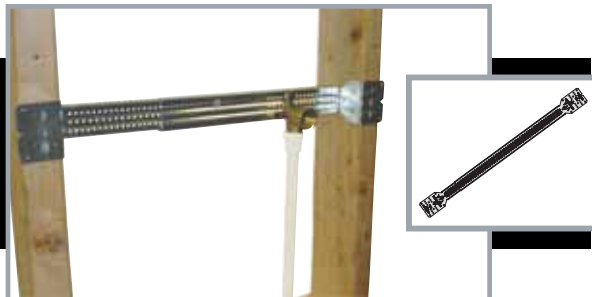
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 721 | 2-3/4" X 3-3/8" | 3/8" - 1" CTS | 50 |



HOLDRITE STOUT BRACKET® – #SB1S, #SB2S

- Multi-purpose galvanized bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports PEX, Copper, CPVC, and other types of piping
- Numerous components integrate into multiple sides of the Stout Bracket
- Provides superior strength and versatility
- Includes four screws

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|------------------|---------|
| SB1S | 10" to 18" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |



HOLDRITE STOUT BRACKET® – #SB3, #SB4

- Ideal for shower head, tub spout, vertical mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Telescoping design supports CPVC, PEX, Copper and various other pipe types
- Integrates with several HOLDRITE clamps and other industry standard components

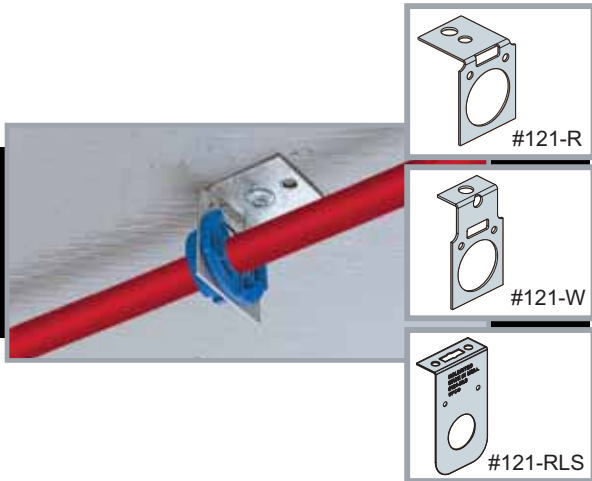
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------------|------------------|---------|
| SB3 | 10-1/4" to 17-1/2" | Various | 50 |
| SB4 | 15-1/4" to 25-1/2" | Various | 50 |



HOLDRITE® – #101-18-R, #101-26-R

- Ideal for lavatory, toilet, and tub spout support
- Extruded holes provide additional soldering surface
- Ideal for PEX-to-Copper bullets
- Copper-bonded steel bracket
- #101-18-R provides 5/8" holes on 2" centers
- #101-26-R provides 5/8" holes on 2" centers and two 7/8" holes on 8" centers

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|----------|--------------|------------------|---------|
| 101-18-R | 20" | 1/2" CTS | 25 |
| 101-26-R | 26" | 1/2" CTS | 25 |



HOLDRITE® – #121-R, #121-W, #121-RLS

- Ideal for single pipe run support, including Copper, CPVC, and PEX
- #121-R provides 1-1/4" center line distance from structure
- #121-W provides a 2" center line distance from structure
- #121-RLS provides a 3" center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

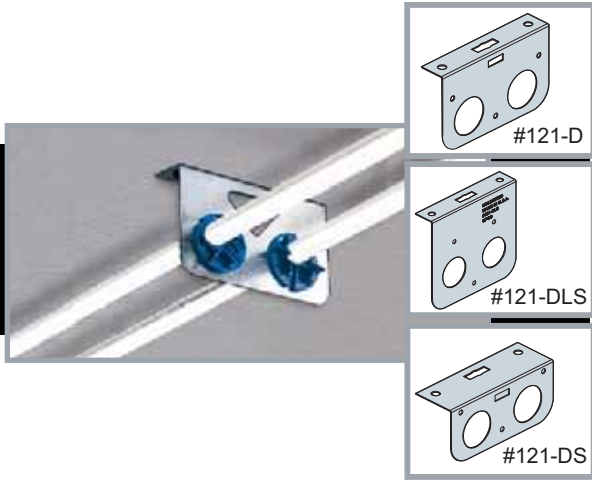
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-R | 2" X 1-3/4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |
| 121-W | 3" X 1-3/4" X 3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-RLS | 4-1/2" x 2-5/8" x 1" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® – #110-R

- Ideal for lavatory/island sink
- Galvanized steel bracket with “key design” allows integration with various HOLDRITE inserts, #701, and #704
- Allows for easy Pre-fabrication at the shop or in the field
- Install directly to the waste/vent pipe prior to studs being erected
- Supports 4” and 8” centers
- Self-locking stainless steel band & isolating felt included

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|---------------------|---------|
| 110-R | 2-1/8" X 1-7/8" | 1/2", 3/4 ", 1" CTS | 50 |



HOLDRITE® – #121-D, #121-DLS, #121-DS

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- #121-D provides 2” center line distance from structure
- #121-DLS provides 3” center line distance from structure
- #121-DS provides 1-1/4” center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8” all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-D | 5" X 3" X 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DLS | 5" x 4-1/2" x 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DS | 5" x 2-1/4" x 1-3/4" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #121-L

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- Provides 2” and 4” center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8” all-thread rod
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------------|--------------------|---------|
| 121-L | 5" X 2-1/2" X 2" | 1/2", 3/4", 1" CTS | 25 |



PEXRITE® – #705

- Turn-out support for 3/8” and 1/2” CTS PEX tubing
- Ideal for lavatory/sink & toilet stub-out and overhead 90° turn
- Mount to block of wood or other flat surface
- Unique design allows for side-entry of tubing

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|--------------------------|------------------|---------|
| 705 | 5-1/3" x 4-1/8" x 2-1/2" | 3/8" & 1/2" CTS | 50 |



PEXRITE POP-UP™ – #706

- Single run PEXRITE POP-UP for RADIANT HEATING or other in-slab PEX or soft Copper tubing support (1-1/2” or thicker slabs)
- Unique design allows for side-entry of tubing
- Mounts to form decking with nails or slab-on-grade with rebar
- Manifold capability with interlocking feet

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|----------------------|------------------|---------|
| 706 | 5-1/3" x 5" x 2-1/2" | 3/8" & 1/2" CTS | 50 |



PEXRITE POP-UP™ – #707, #707-E

- Single run PEXRITE POP-UP for in-slab flexible tubing support
- Manifold capability with interlocking feet
- Compatible with PEX, soft Copper, flexible conduit
- #707 design allows for side-entry of tubing
- #707-E design allows for easy zip tie installation of flexible or rigid tubing
- Mounts to form decking with nails or slab-on-grade with rebar

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|--------------------------|-----------------------|---------|
| 707 | 8-1/2" X 8-5/8" X 1-1/4" | 3/8" thru 7/8" O.D. | 25 |
| 707-E | 8-1/2" X 8-5/8" X 1-1/4" | 3/8" thru 1-1/2" O.D. | 25 |



PEXRITE POP-UP™ – #708

- Double run PEXRITE POP-UP for in-slab flexible tubing support
- Manifold capability with interlocking feet
- Compatible with PEX, soft Copper, flexible conduit
- Unique design allows for side-entry of tubing
- Mounts to form decking with nails or slab-on-grade with rebar

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|----------------------------|-----------------------|---------|
| 708 | 10-1/2" X 11-1/8" X 2-1/2" | 3/8" thru 1-1/8" O.D. | 15 |



PEXRITE POP-UP™ – #708-E

- Double run PEXRITE POP-UP for in-slab PEX tubing, flexible conduit, & rigid conduit 90s.
- Unique design allows for easy zip tie or tie wire pipe attachment
- Mounts to form decking with nails or slab-on-grade with rebar
- Manifold capability with interlocking feet

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|----------------------------|----------------------|---------|
| 708-E | 10-1/2" x 11-1/6" x 3-1/4" | 3/8" thru 2-1/2" IPS | 15 |



HOLDRITE® INSERTS – #104 - #106

- Ideal for pipe support with HOLDRITE #121 & #103/#700 series brackets
- Compatible with PEX, Copper, and CPVC tubing

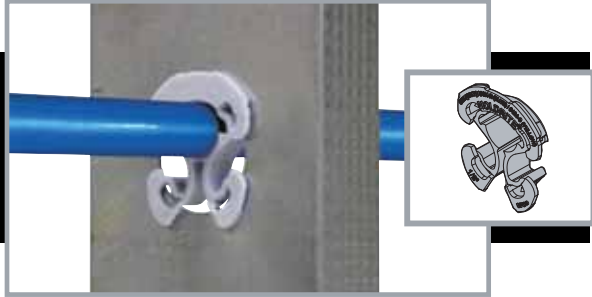
| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 104 | 1-3/8" Diameter | 1/2" CTS | 100 |
| 105 | 1-3/8" Diameter | 3/4" CTS | 100 |
| 106 | 1-3/8" Diameter | 1" CTS | 100 |



HOLDRITE® INSERTS – #404-R - #406-R

- Ideal for metal studs with PEX, Copper, and CPVC tubing
- Integrates with most HOLDRITE galvanized brackets
- Flame-rated per UL 94 V-2 standards
- Fits in 1-3/8” or 1-11/32” holes

| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 404-R | 1-3/8" Diameter | 1/2" CTS | 100 |
| 405-R | 1-3/8" Diameter | 3/4" CTS | 100 |
| 406-R | 1-3/8" Diameter | 1" CTS | 100 |



HOLDRITE® ISOLATORS – #424 - #426

- Ideal for metal thru-stud applications and integrates with HOLDRITE #121 and #125 series brackets
- Positioning and dissimilar metal isolation for Copper, CPVC, and PEX tubing
- Meets UL 94 HB requirements (UL 94 V-2 and Plenum-rated available)

| Model# | Hole Size | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424 | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425 | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426 | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |

CPVC SUPPORT AND ALIGNMENT SOLUTIONS

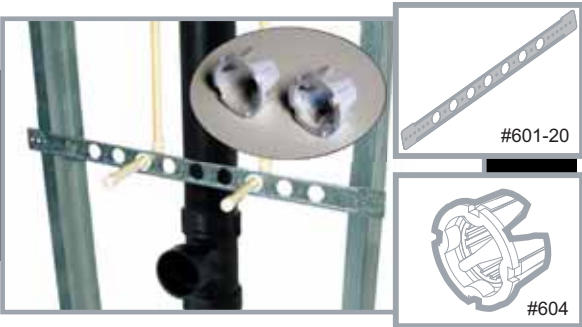


Lockable and Glueable Inserts

Grooved Inserts Create Stronger Glue Joint

Compatible with CPVC Tubing and Cements

Some Application Solutions **Require No Glue**



LOCKRITE™ – #601-20, #601-26, #604, #605

- Ideal for lavatory, sink, and toilet stub-out support
- Galvanized steel bracket provides proper pipe positioning and alignment
- Inserts are lockable and glueable
- Inserts are grooved, creating a stronger glue joint

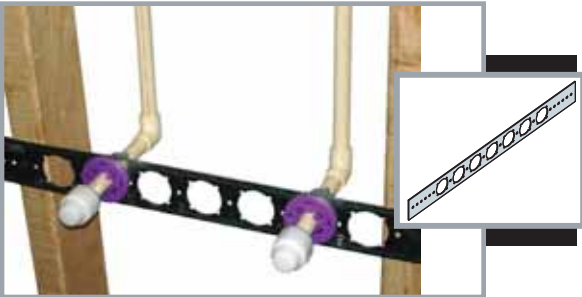
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 601-20 | 20" | 1/2", 3/4" CTS | 50 |
| 601-26 | 26" | 1/2", 3/4" CTS | 50 |
| 604 | 1" Diameter | 1/2" CTS | 100 |
| 605 | 1" Diameter | 3/4" CTS | 100 |



LOCKRITE™ – #609-N-6

- Ideal for toilet or hose bib stub-outs & functions as a nail plate
- Use in conjunction with #604 and #605 glueable inserts
- 16-gage galvanized steel bracket supports various heights from 2-1/4" – 6"

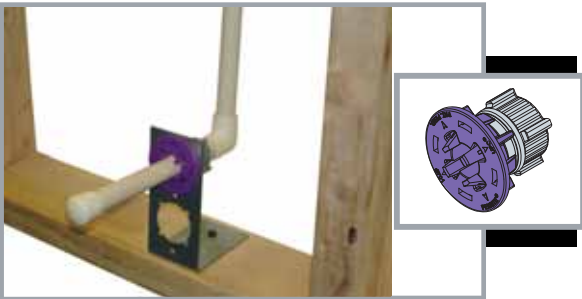
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|---------|--------------|------------------|---------|
| 609-N-6 | 6-3/4" X 5" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #103-18, #103-26

- Versatile bracket ideal for sink, lavatory & toilet stub-outs
- Galvanized steel bracket with 1-3/8" keyed holes on 2" centers
- Integrates with HOLDRITE #701 and other HOLDRITE inserts

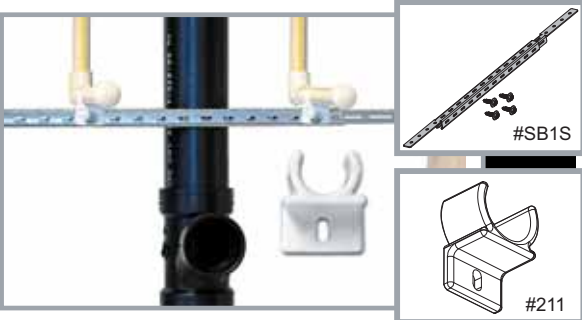
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|--------------------|---------|
| 103-18 | 20" | 1/2", 3/4", 1" CTS | 50 |
| 103-26 | 26" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE LOCK-N-LOAD™ – #701

- Stub-out clamp ideal for lavatory/sink and toilet stub-outs
- Integrates with #103, #110-R, and #700 series brackets
- Compatible with CPVC, PEX, and Copper
- Tightens by hand - No tools required
- Eliminates glue at the stub-out application
- Secure fit prevents forward and backward movement
- Meets UL 94 V-2 requirements

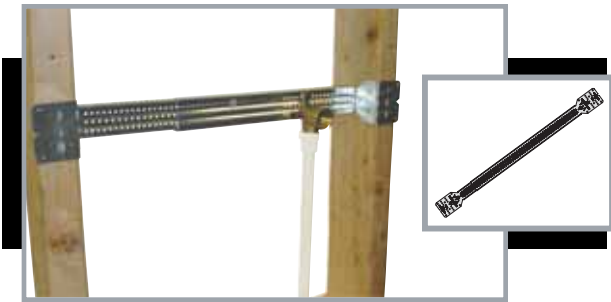
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 701 | 2" x 1-3/4" | 1/2" CTS | 50 |



HOLDRITE STOUT BRACKET® – #SB1S, #SB2S, #211, #212

- Multi-purpose galvanized bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports CPVC, PEX, Copper and other types of piping
- Numerous components integrate into multiple sides of the Stout Bracket
- Includes four screws
- CPVC tubing glues directly to clamp
- Meets UL 94 V-0 requirements

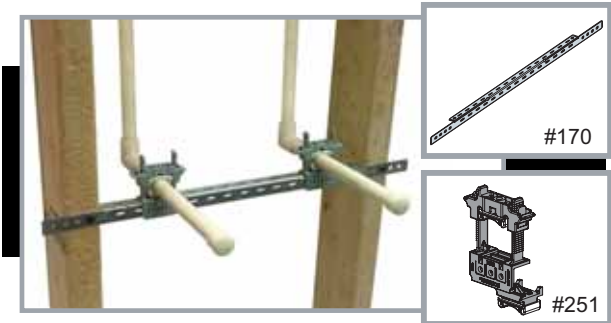
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| SB1S | 10" to 18" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |
| 211 | 1" X 1-1/4" | 1/2" CTS | 100 |
| 212 | 1" X 1-3/8" | 3/4" CTS | 100 |



HOLDRITE STOUT BRACKET® – #SB3, #SB4

- Ideal for shower head, tub spout, vertical mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Telescoping design supports CPVC, PEX, and Copper tubing and other items
- Integrates with several HOLDRITE clamps and other industry standard components

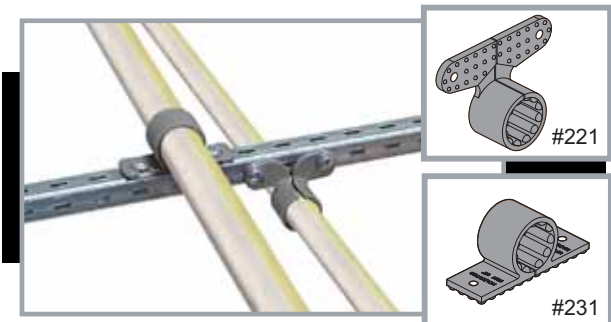
| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------------|------------------|---------|
| SB3 | 10-1/4" to 17-1/2" | Various | 50 |
| SB4 | 15-1/4" to 25-1/2" | Various | 50 |



HOLDRITE Rapid System™ – #170, #170-26, #251, #170-251

- Low cost pipe support solution
- No tools or hardware required for #251 clamp attachment
- #170-251 sold in bulk packaging

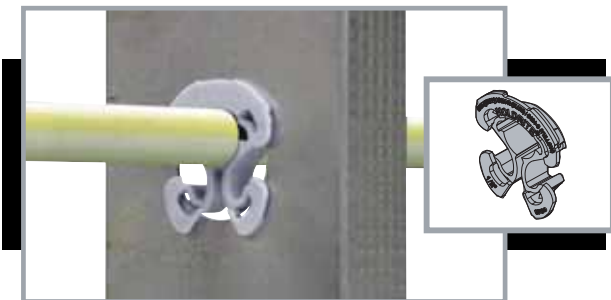
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|-----------------|--------------------|------------------------|
| 170 | 18" Bracket | Various | 50 |
| 170-26 | 26" Bracket | Various | 50 |
| 251 | 2-3/8" x 2-3/4" | 1/2", 3/4", 1" CTS | 50 |
| 170-251 | 18" Bracket | 1/2", 3/4", 1" CTS | 50 Brackets/100 Clamps |



HOLDRITE® CLAMPS – #221 - #226, #231 - #236

- Ideal for CPVC, PEX, and Copper tubing
- #221 - #226 are suspension clamps
- #231 - #236 are 2-hole standard clamps

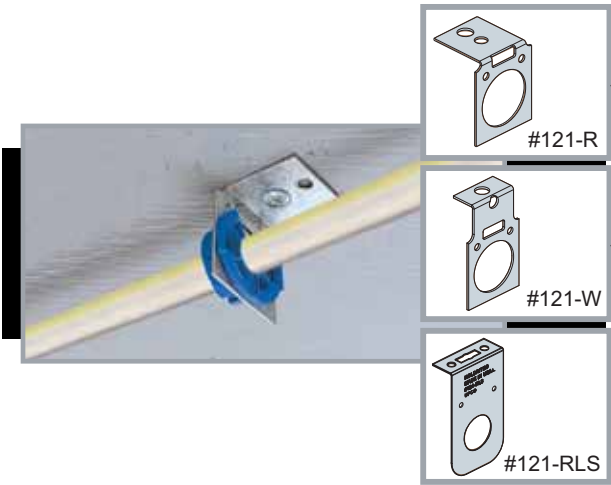
| Model# | Clamp Size | For Pipe Size(s) | Bag Qty |
|--------|-----------------|------------------|---------|
| 221 | 1-7/8" X 1-1/2" | 1/2" CTS | 100 |
| 222 | 1-7/8" X 1-3/4" | 3/4" CTS | 100 |
| 223 | 2-3/8" X 2-1/8" | 1" CTS | 50 |
| 224 | 2-7/8" X 2-3/8" | 1-1/4" CTS | 25 |
| 225 | 2-7/8" X 2-3/4" | 1-1/2" CTS | 25 |
| 226 | 3-3/8" X 3-1/8" | 2" CTS | 25 |
| 231 | 2" X 7/8" | 1/2" CTS | 100 |
| 232 | 2-3/8" X 2-1/8" | 3/4" CTS | 100 |
| 233 | 2-3/4" X 2-1/2" | 1" CTS | 50 |
| 234 | 2-3/4" X 1-3/4" | 1-1/4" CTS | 25 |
| 235 | 3-1/8" X 2" | 1-1/2" CTS | 25 |
| 236 | 3-1/2" X 2-1/2" | 2" CTS | 25 |



HOLDRITE® ISOLATORS – #424 - #426

- Metal thru-stud applications & fits HOLDRITE #121/#125 series brackets
- Positioning and dissimilar metal isolation for CPVC, PEX, and Copper tubing
- #424-#426 meets UL 94 HB requirements (UL 94 V-2 and Plenum-rated models are available)

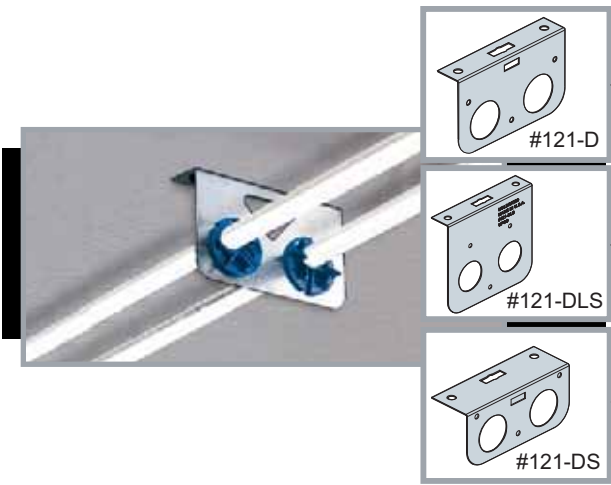
| Model# | Hole Size | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424 | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425 | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426 | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |



HOLDRITE® – #121-R, #121-W, #121-RLS

- Ideal for single pipe run support, including Copper, CPVC, and PEX
- #121-R provides 1-1/4" center line distance from structure
- #121-W provides a 2" center line distance from structure
- #121-RLS provides a 3" center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

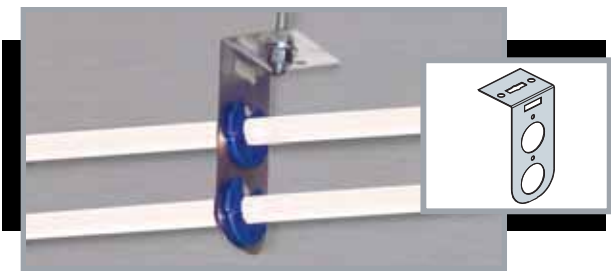
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-R | 2" X 1-3/4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |
| 121-W | 3" X 1-3/4" X 3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-RLS | 4-1/2" x 2-5/8" x 1" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® – #121-D, #121-DLS, #121-DS

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- 121-D provides 2" center line distance from structure
- 121-DLS provides 3" center line distance from structure
- 121-DS provides 1-1/4" center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-D | 5" X 3" X 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DLS | 5" x 4-1/2" x 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DS | 5" x 2-1/4" x 1-3/4" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #121-L

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- Provides 2" and 4" center line height from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------------|--------------------|---------|
| 121-L | 5" X 2-1/2" X 2" | 1/2", 3/4", 1" CTS | 25 |

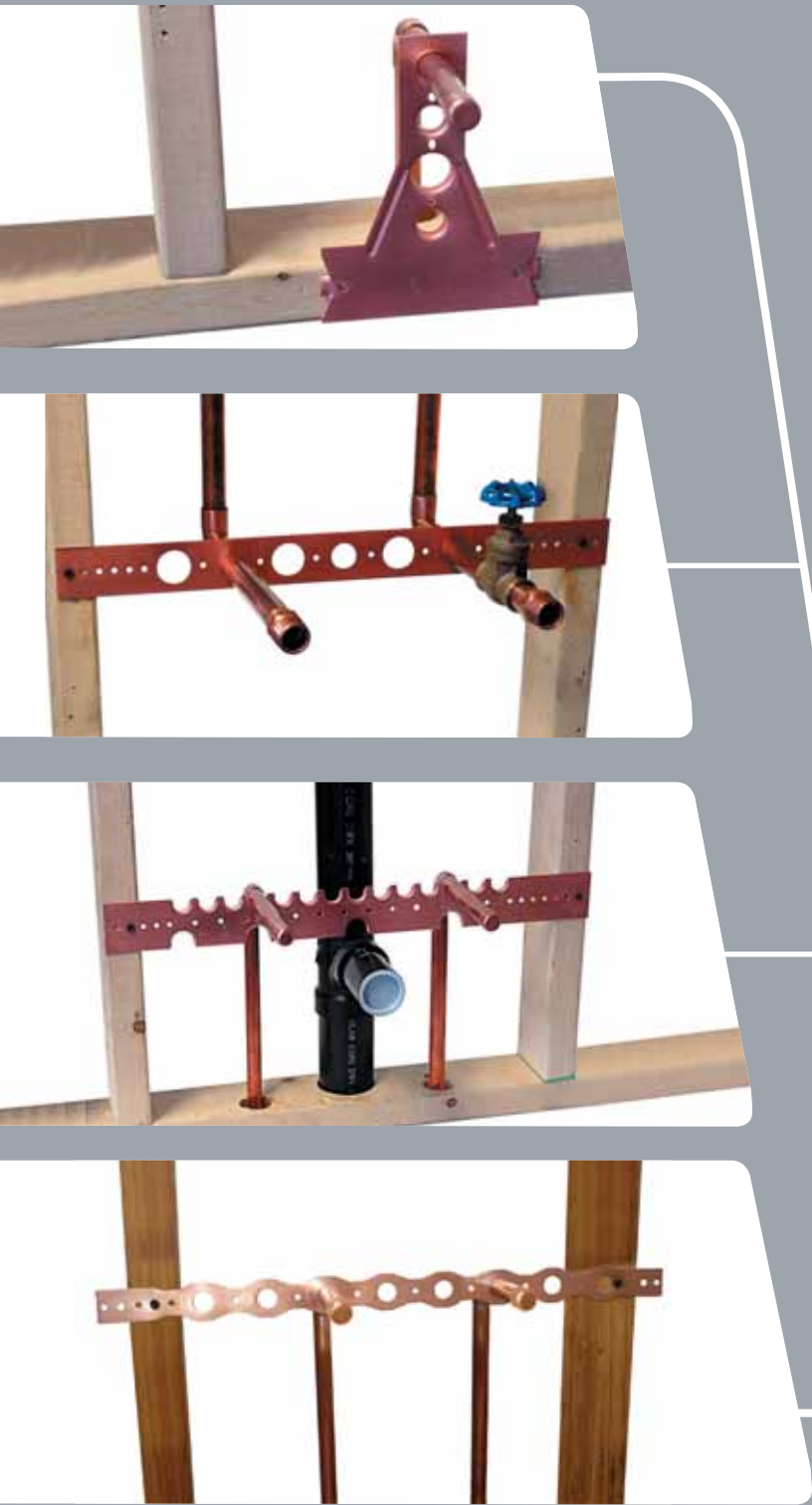
Specification sheets and application drawings for a variety of sink, tub, toilet, and other installations available on our website
www.holdrite.com/tech



HOLDRITE® Residential

Copper Residential

COPPER SUPPORT AND ALIGNMENT SOLUTIONS



Unique Copper Bonding Process

Heat the Pipe, not the Bracket

Solutions for Various Applications

Support 1/2" to 1-1/4" CTS

Designed for Stud Bays up to 24"



HOLDRITE® – #100-18

- Ideal for lavatory/sink or toilet
- Unique design and manufacturing process provides a low cost support system
- Copper-bonded, steel bracket
- 5/8" holes on 2" centers

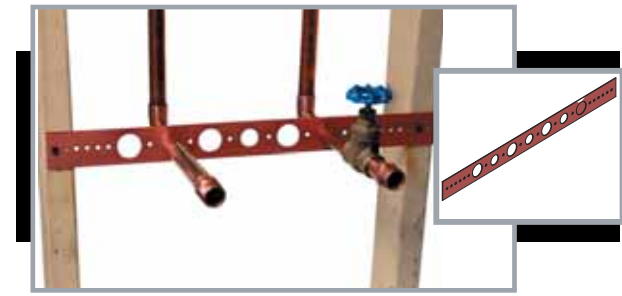
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 100-18 | 20" | 1/2" CTS | 100 |



HOLDRITE® – #101-18, #101-18-R

- Ideal for lavatory and toilet
- Ideal for copper bullets requiring a more rigid installation
- Copper-bonded, steel bracket
- #101-18-R extruded holes provide additional soldering surface
- 5/8" holes on 2" centers

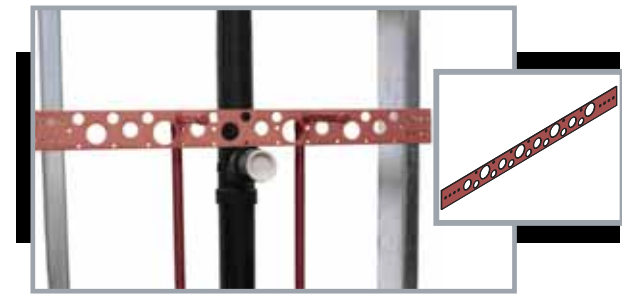
| Model# | Size | For Pipe Size(s) | Box Qty |
|----------|------|------------------|---------|
| 101-18 | 20" | 1/2" CTS | 50 |
| 101-18-R | 20" | 1/2" CTS | 25 |



HOLDRITE® – #102-18

- Ideal for water heater and relief line applications
- Copper-bonded, heavy-gage steel bracket
- Alternating 7/8" and 1-1/8" holes on 4" centers

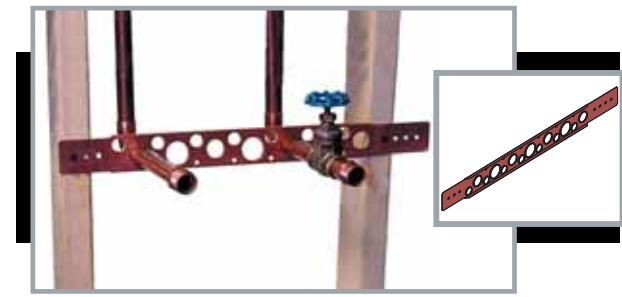
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 102-18 | 20" | 3/4", 1" CTS | 50 |



HOLDRITE® – #107-18

- Ideal for multiple applications such as lavatory, toilet and water heater
- Copper-bonded, heavy-gage steel bracket
- Holes on 2" centers for 1/2" tubing and holes on 4" centers for 3/4" & 1" tubing

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|--------------------|---------|
| 107-18 | 20" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® – #108-20

- Ideal for multiple applications such as lavatory, toilet and water heater
- Rolled edges for extra strength and extruded holes for additional soldering surface
- Copper-bonded steel bracket
- Holes on 2" centers for 1/2" tubing and holes on 4" centers for 3/4" & 1" tubing

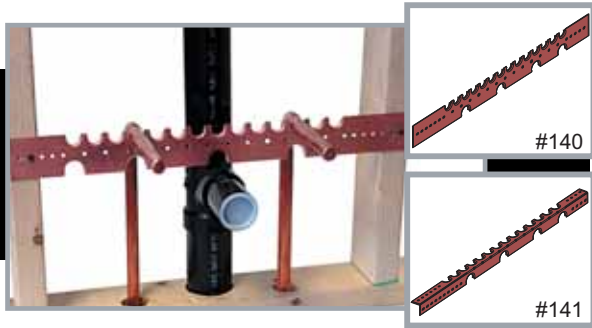
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|--------------------|---------|
| 108-20 | 20" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® – #150-20

- Ideal for multiple applications such as lavatory, toilet, & water heater
- 5/8" and 7/8" holes on 4" centers
- Copper-bonded, heavy-gage steel bracket

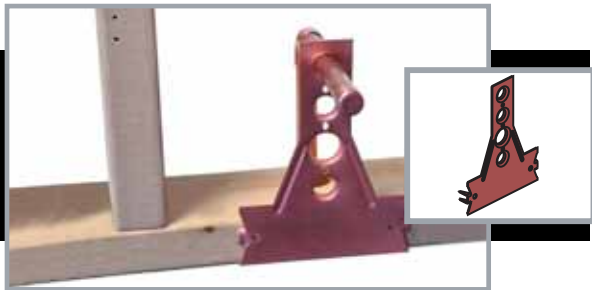
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 150-20 | 20" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #140, #141

- #140 is ideal for lavatory, toilet and water heater applications
- Ideal for tubing that is capped prior to soldering onto bracket
- #141 is ideal for tub spout and shower diverter installations with split ends for horizontal and vertical mounting adding extra versatility
- Extruded notches for 1/2" tubing on 1" centers and 3/4" tubing on 4" centers

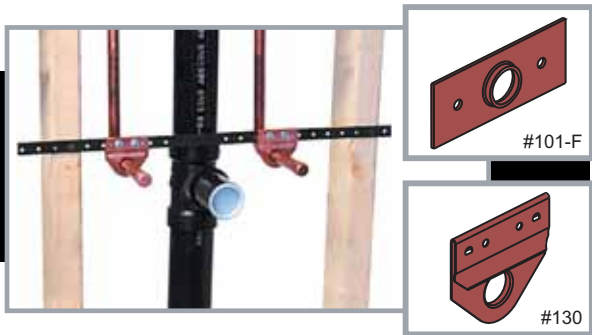
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 140 | 20" | 1/2", 3/4" CTS | 50 |
| 141 | 20" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #109-N-6

- Ideal for toilet stub-outs and also functions as a nail plate
- Copper-bonded, heavy-gage steel bracket
- Supports 1/2" stub-outs at various heights from 2-1/4" – 6" or a 3/4" stub-out at 3-1/2" height

| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|--------|------------------|---------|
| 109-N-6 | 6-1/2" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #101-F, #130 - #132

- #101-F is ideal for Copper tubing penetrating through the floor; 5/8" extruded hole
- #130-#132 is ideal for lavatory/sink, toilet, water heater, & others; Solid Copper clip for support of 1/2", 3/4", and 1" tubing

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 101-F | 3" X 1-1/4" | 1/2" CTS | 50 |
| 130 | 2-1/4" X 2" | 1/2" CTS | 100 |
| 131 | 2-1/4" X 2-3/8" | 3/4" CTS | 100 |
| 132 | 2-1/4" X 2-5/8" | 1" CTS | 100 |



HOLDRITE® – #170-C, #170

- Ideal for multiple applications
- Supports tubing in vertical and horizontal positions
- #170-C is a Copper-bonded, steel bracket, and can accept solder
- #170-S is galvanized steel bracket with (2) screws

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------|------------------|---------|
| 170-C | 18" X 5/8" | Various | 50 |
| 170 | 18" X 5/8" | Various | 50 |



HOLDRITE® RAPID CLAMP – #251

- Mounts directly to #170 Bracket
- No tools or hardware required to install clamp onto #170 bracket
- Variable closure clamp supports up to 1" CTS

| Model# | Clamp Size | For Pipe Size(s) | Bag Qty |
|--------|-----------------|--------------------|---------|
| #251 | 2-3/8" x 2-3/4" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE SILENCER™ – #250, #280

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
- Variable closure clamp mounts directly to Stout Bracket and EZ-Strut Bracket
- Supports up to 2" pipe sizes, with load ratings up to 300 lbs.

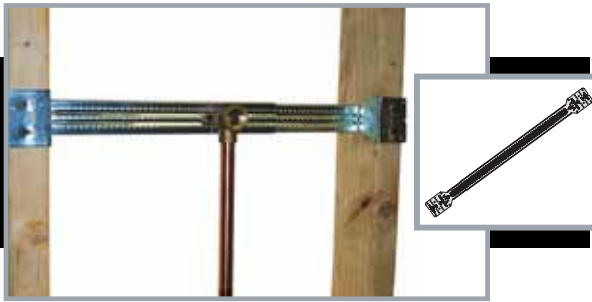
| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250 | 2-3/8" X 2-5/8" | 3/8" - 1" CTS | 50 |
| 280 | 4-3/8" X 5-1/8" | 1" - 2" CTS/IPS | 50 |



HOLDRITE STOUT BRACKET® – #SB1S, #SB2S

- Multi-purpose galvanized bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and other types of piping
- Numerous acoustically-rated components integrate into multiple sides of the Stout Bracket for superior strength and versatility
- Includes four screws

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|------------------|---------|
| SB1S | 10" to 18" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |



HOLDRITE STOUT BRACKET® – #SB3, #SB4

- Ideal for shower head, tub spout, vertical mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Telescoping design supports CPVC, Copper, and PEX tubing and other items
- Integrates with several HOLDRITE clamps and other industry standard components

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------------|------------------|---------|
| SB3 | 10-1/4" to 17-1/2" | Various | 50 |
| SB4 | 15-1/4" to 25-1/2" | Various | 50 |

HOLDRITE® Pipe Support Brackets are **Made in the USA** and meet the **Buy American Act**. These iconic solutions are ideal for government and military projects.



HOLDRITE® Commercial

COPPER SUPPORT AND ALIGNMENT SOLUTIONS



Unique Copper Bonding Process

Heat the Pipe, not the Bracket

Ideal for Pre-Fab on the job or at the shop

Copper Commercial



HOLDRITE® – #101-26, #101-26-R

- Ideal for lavatory and toilet
- Ideal for copper bullets requiring a more rigid installation
- Copper-bonded, steel bracket
- #101-26-R extruded holes provide additional soldering surface
- 5/8" holes on 2" centers (#101-26-R also has two 7/8" holes on 8" centers)

| Model# | Size | For Pipe Size(s) | Box Qty |
|----------|------|------------------|---------|
| 101-26 | 26" | 1/2" CTS | 50 |
| 101-26-R | 26" | 1/2", 3/4" CTS | 25 |



HOLDRITE® – #102-26

- Ideal for water heater and relief line applications
- Copper-bonded, heavy-gage steel bracket
- Alternating 7/8" and 1-1/8" holes on 4" centers

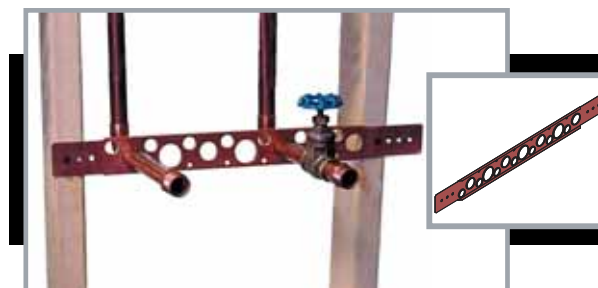
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 102-26 | 26" | 3/4", 1" CTS | 50 |



HOLDRITE® – #107-26

- Ideal for multiple applications such as lavatory, toilet and water heater
- Copper-bonded, heavy-gage steel bracket
- Holes on 2" centers for 1/2" tubing and holes on 4" centers for 3/4" & 1" tubing
- #107-26 also has two holes for 1-1/4" tubing on 8" centers

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|----------------------------|---------|
| 107-26 | 26" | 1/2", 3/4", 1", 1-1/4" CTS | 50 |



HOLDRITE® – #108-26

- Ideal for multiple applications such as lavatory, toilet and water heater
- Rolled edges for extra strength and extruded holes for additional soldering surface
- Copper-bonded steel bracket
- Holes on 2" centers for 1/2" tubing and holes on 4" centers for 3/4" & 1" tubing

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|---------------------|---------|
| 108-26 | 26" | 1/2", 3/4", 1", CTS | 50 |



HOLDRITE® – #150-26

- Ideal for multiple applications such as lavatory, toilet, & water heater
- 5/8" and 7/8" holes on 4" centers
- Copper-bonded, heavy-gage steel bracket

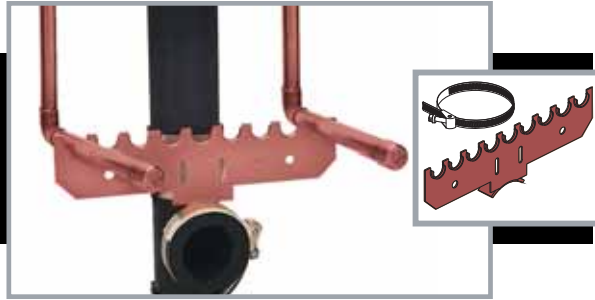
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------|------------------|---------|
| 150-26 | 26" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #109-A-9

- Ideal for toilet applications
- Copper-bonded, heavy-gage steel L-bracket
- Six 5/8" holes at 2-3/4", 4-1/2", 6", 7", 8" and 9"
- Most holes are extruded for additional strength

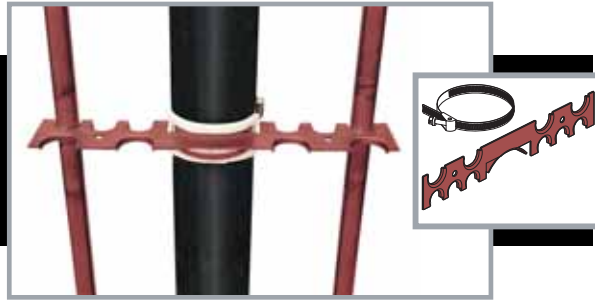
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|--------|------------------|---------|
| 109-A-9 | 9-1/2" | 1/2" CTS | 50 |



HOLDRITE® – #110-S-1/2

- Ideal for lavatory and sink
- Easy pre-fabrication at the shop or on the job site
- Install directly to the waste/vent pipe prior to studs being erected
- Copper-bonded, heavy-gage steel bracket
- Self-locking stainless steel band and self-adhesive isolating felt included
- For 1/2" Copper tubing on 4", 6" and 8" centers

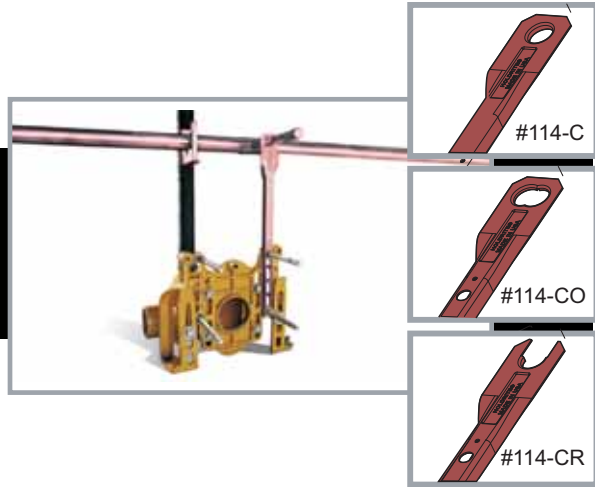
| Model# | Size | For Pipe Size(s) | Box Qty |
|-----------|-----------------|------------------|---------|
| 110-S-1/2 | 9-1/4" X 2-1/2" | 1/2" CTS | 50 |



HOLDRITE® – #111-S

- Ideal for vertical or horizontal installations and fits in 3-1/2" or wider wall
- Copper-bonded, steel bracket mounts directly to waste/vent pipe
- Self-locking stainless steel band and self-adhesive isolating felt included
- Supports 1/2" tubing on 4", 6", 8" centers and 3/4" tubing on 4" and 8" centers

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 111-S | 9-1/2" X 1-1/2" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #114-C, #114-CO, #114-CR

- For 1" flush valve support on 4-bolt wall hung toilet carriers
- Copper-bonded, heavy-gage steel brackets mount directly to 4-bolt toilet carrier and position flush valve at height of 11-1/2" above toilet
- Allows for rough-in prior to framing being erected
- 4-1/2" offset center line rough-in with #114-C and #114-CR
- #114-CO provides 4-3/4" off set rough-in (right or left hand)
- #114-CR allows for support of pre-capped stub out

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------------|------------------|---------|
| 114-C | 23-1/4" X 2-1/2" | 1" CTS | 6 |
| 114-CO | 23-1/4" X 2-1/2" | 1" CTS | 6 |
| 114-CR | 23-1/4" X 2-1/2" | 1" CTS | 6 |



HOLDRITE® – #114-COH

- Copper-Bonded offset carrier bracket secures flush valve stub out to 4-bolt toilet carrier
- Has hinged top to allow for fabricated water header access
- Provides for a 4-3/4" offset for 1" copper flush valve at 11-1/2" above toilet
- Ideal for pre-fabrication

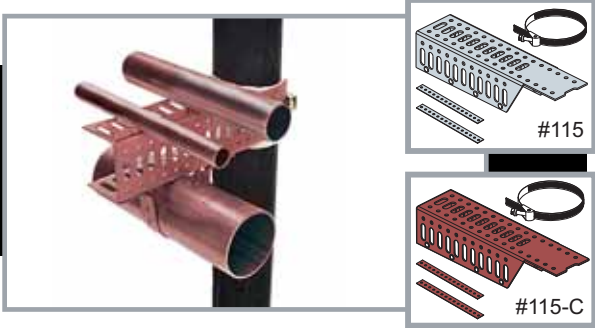
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|------------------|------------------|---------|
| 114-COH | 23-1/4" X 2-1/2" | 1" CTS | 6 |



HOLDRITE® – #114-C-EXT

- Ideal for toilet carriers where extended rough-in height is needed
- Copper-bonded, heavy-gage steel brackets mount directly to 4-bolt closet carrier
- Adds an additional 8-1/2" to 24-1/2" height to carrier bracket (includes hardware)
- Compatible with HOLDRITE #114 series brackets

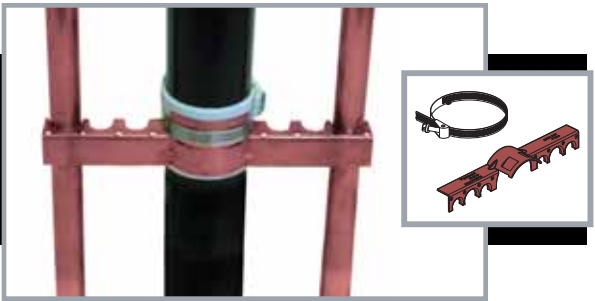
| Model# | Size | For Pipe Size(s) | Box Qty |
|-----------|----------|------------------|---------|
| 114-C-EXT | 27" X 1" | N/A | 6 |



HOLDRITE® – #115, #115-C

- Multiple horizontal/vertical mounting applications
- Easy pre-fabrication at the shop or on the job site
- Galvanized steel bracket mounts directly to the waste/vent pipe prior to studs being erected
- Supports 1/2" to 2" tubing and comes with self-locking stainless steel band, metal straps, screws and self-adhesive isolating felt strip

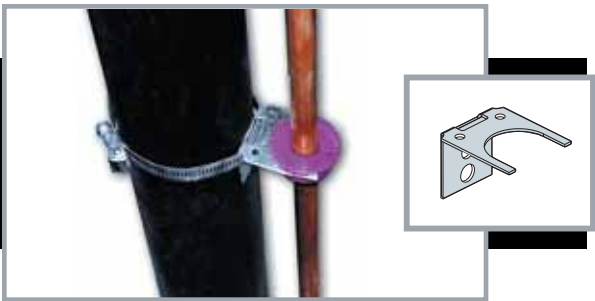
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 115 | 7-1/2" X 2" | 1/2"-2" CTS/IPS | 25 |
| 115-C | 7-1/2" X 2" | 1/2"-2" CTS/IPS | 25 |



HOLDRITE® – #118-T-6, #118-T-8

- Ideal for lavatory/sink stub outs or vertical mid-span support
- Easy pre-fabrication at the shop or on the job site
- Install directly to the waste/vent pipe prior to studs being erected
- Copper-bonded, heavy-gage steel bracket
- #118-T-6 Supports 1/2" tubing on 4" and 8" centers and 3/4" tubing on 6" centers
- #118-T-8 Supports 1/2" tubing on 4" and 6" centers and 3/4" tubing on 8" centers
- Fits within a 2-1/2" stud wall when mounted to a 1-1/2" or 2" pipe
- Self-locking stainless steel band and self-adhesive isolating felt included

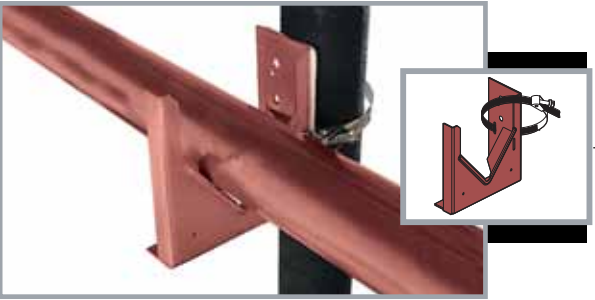
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|--------------------------|------------------|---------|
| 118-T-6 | 9-1/8" X 1-3/4" X 1-1/2" | 1/2", 3/4" CTS | 50 |
| 118-T-8 | 9-1/8" X 1-3/4" X 1-1/2" | 1/2", 3/4" CTS | 50 |



HOLDRITE® – #121

- Ideal for vertical single runs
- Install directly to the waste/vent pipe or building structure prior to studs being erected
- Galvanized steel bracket
- Use in conjunction with #100 series inserts & #1004/#1005 steel bands
- Unique "U" shape support for 1/2", 3/4", and 1" tubing

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|--------------------|---------|
| 121 | 2" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #V-2

- Ideal for horizontal applications such as plumbing chase walls
- Easy pre-fabrication at the shop or on the job site
- Mounts to waste/vent pipe or building structure prior to studs being erected
- Copper-bonded, heavy-gage steel bracket
- Supports 1/2" to 3" tubing with a 250-pound load capacity
- Comes with self-locking stainless steel band and isolating felt pad

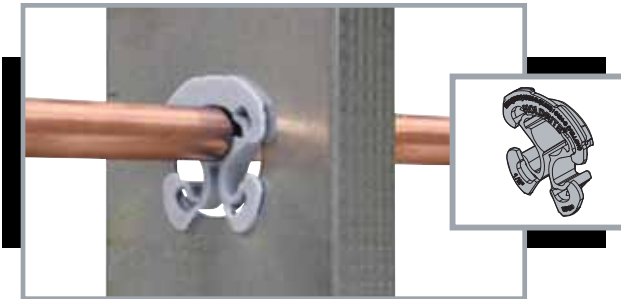
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| V-2 | 4-1/2" X 4-1/2" | 1/2" - 3" CTS | 25 |



HOLDRITE® ISOLATORS – #404-R - #406-R

- Ideal for metal studs with Copper, PEX, and CPVC tubing
- Meets UL 94 V-2 requirements
- Compatible with #103, #121, #125, #700 and #110-R series brackets
- Tubing size up to 1" (1-3/8" or 1-11/32" holes)

| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 404-R | 1-3/8" Diameter | 1/2" CTS | 100 |
| 405-R | 1-3/8" Diameter | 3/4" CTS | 100 |
| 406-R | 1-3/8" Diameter | 1" CTS | 100 |



HOLDRITE® ISOLATORS – #424 - #426

- Ideal for metal thru-stud applications and integrates with HOLDRITE #121, #125 and #103 series brackets
- Positioning and dissimilar metal isolation for Copper, CPVC, and PEX tubing
- Meets UL 94 HB requirements
- UL 94 V-2 and Plenum-rated models are available

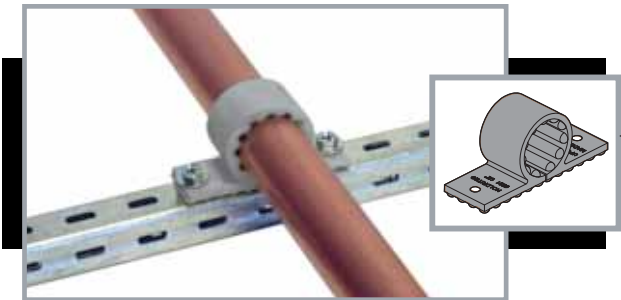
| Model# | Hole Size | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424 | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425 | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426 | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |



HOLDRITE® SUSPENSION CLAMPS – #221 - #226

- Ideal for Copper, PEX, and CPVC tubing
- Mounts directly on HOLDRITE STOUT BRACKET or other surfaces
- Tubing size up to 2"

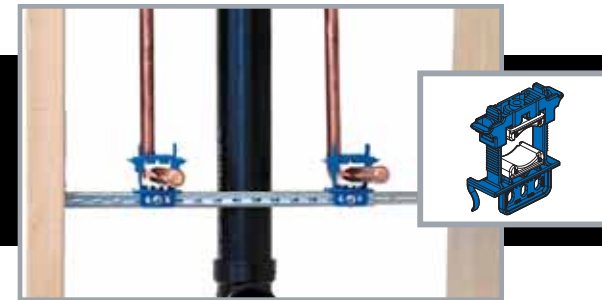
| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 221 | 1-7/8" X 1-1/2" | 1/2" CTS | 100 |
| 222 | 1-7/8" X 1-3/4" | 3/4" CTS | 100 |
| 223 | 2-3/8" X 2-1/8" | 1" CTS | 50 |
| 224 | 2-7/8" X 2-3/8" | 1-1/4" CTS | 25 |
| 225 | 2-7/8" X 2-3/4" | 1-1/2" CTS | 25 |
| 226 | 3-3/8" X 3-1/8" | 2" CTS | 25 |



HOLDRITE® STANDARD CLAMPS – #231 - #236

- Ideal for Copper, PEX, and CPVC tubing
- Mounts directly on HOLDRITE STOUT BRACKET or other surfaces

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 231 | 2" X 7/8" | 1/2" CTS | 100 |
| 232 | 2-3/8" X 2-1/8" | 3/4" CTS | 100 |
| 233 | 2-3/4" X 2-1/2" | 1" CTS | 50 |
| 234 | 2-3/4" X 1-3/4" | 1-1/4" CTS | 25 |
| 235 | 3-1/8" X 2" | 1-1/2" CTS | 25 |
| 236 | 3-1/2" X 2-1/2" | 2" CTS | 25 |



HOLDRITE SILENCER™ – #250, #280

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
- Variable closure clamp mounts directly to Stout Bracket and EZ-Strut Bracket
- Supports up to 2" pipe sizes, with load ratings up to 300 lbs.
- Framework meets UL 94 V-2 flame rating

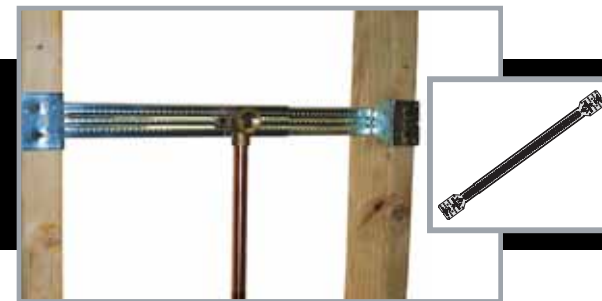
| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250 | 2-3/8" X 2-5/8" | 3/8" - 1" CTS | 50 |
| 280 | 4-3/8" X 5-1/8" | 1" - 2" CTS/IPS | 50 |



HOLDRITE STOUT BRACKET® – #SB1S, #SB2S

- Multi-purpose galvanized bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and other types of piping
- Numerous acoustically-rated components integrate into multiple sides of the Stout Bracket for superior strength and versatility
- Includes four screws

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|------------------|---------|
| SB1S | 10" to 18" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |



HOLDRITE STOUT BRACKET® – #SB3, #SB4

- Ideal for shower head, tub spout, vertical mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Telescoping design supports CPVC, Copper, PEX tubing and other items
- Integrates with several HOLDRITE clamps and other industry standard components

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------------|------------------|---------|
| SB3 | 10-1/4" to 17-1/2" | Various | 50 |
| SB4 | 15-1/4" to 25-1/2" | Various | 50 |

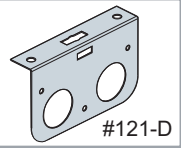


HOLDRITE® – #121-R, #121-W, #121-RLS

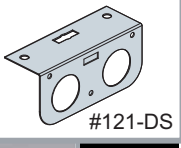
- Ideal for single pipe run applications including Copper, CPVC, and PEX
- #121-R provides 1-1/4" center line distance from structure
- #121-W provides a 2" center line distance from structure
- #121-RLS provides 3" center line distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-R | 2" X 1-3/4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |
| 121-W | 3" X 1-3/4" X 3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-RLS | 4-1/2" x 2-5/8" x 1" | 1/2", 3/4", 1" CTS | 50 |

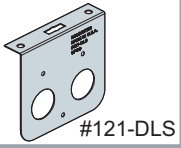




#121-D



#121-DS

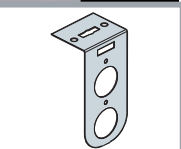


#121-DLS

HOLDRITE® – #121-D, #121-DS, #121-DLS

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- #121-D provides 2" centerline distance from structure
- #121-DS provides 1-1/4" centerline distance from structure
- #121-DLS provides 3" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

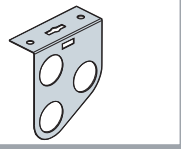
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-D | 5" X 3" X 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DS | 5" x 2-1/4" x 1-3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-DLS | 5" x 4-1/2" x 1" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #121-L

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- Provides 2" and 4" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

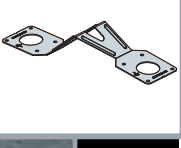
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------------|--------------------|---------|
| 121-L | 5" X 2-1/2" X 2" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #121-O

- Ideal for three pipe run applications including Copper, CPVC, and PEX
- Provides 1-1/4", 2-3/8", 3-1/2" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|----------------------|--------------------|---------|
| 121-O | 4-1/2" X 4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® HANGOVER – #125-D

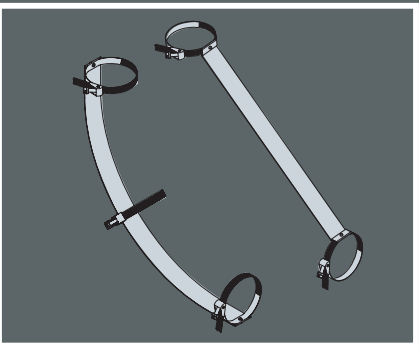
- Cast-in-place concrete hanger bracket for horizontal support
- Galvanized steel bracket with 1-1/4", 2", 4" centerline distance from structure
- Meets MSS-SP-58 load requirements
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|--------------------|---------|
| 125-D | 9-5/8" x 5" | 1/2", 3/4", 1" CTS | 50 |

HOLDRITE® #117 Series

NO-HUB FITTING SUPPORT AND RESTRAINT SOLUTIONS

ENGINEERED SOLUTION



Ideal for Restraining Hubless Cast Iron Soil Pipe Joints against Separation during High Thrust Conditions

Engineered to meet Plumbing Codes, Pipe Manufacturers' Installation Instructions and CISPI Installation Handbook

Available in Numerous Configurations and Sizes up to 15"

Built with Stainless Steel and Galvanized Components

No Special Tools are Needed for Installation

No Field Cutting or Modifications Needed

All Components Included in Each Kit

Three Minute Installation!





HOLDRITE® Short Sweep Quarter Bend - K Series

- 90° bend support kit
- (2) Galvanized steel straps with (5) stainless steel band clamps up to 8"
- Heavy-duty steel pipe clamps and galvanized steel straps for 10"-15"

| Model# | For Pipe Size(s) | Box Qty |
|---------|------------------|---------|
| 117-3K | 2" - 3" | 6 |
| 117-4K | 4" | 6 |
| 117-5K | 5" | 6 |
| 117-6K | 6" | 6 |
| 117-8K | 8" | 6 |
| 117-10K | 10" | 2 |
| 117-12K | 12" | 1 |
| 117-15K | 15" | 1 |



HOLDRITE® Eighth Bend - L Series

- 45° bend support kit
- (2) Galvanized steel straps with (5) stainless steel band clamps up to 8"
- Heavy-duty steel pipe clamps and galvanized steel straps for 10"-15"

| Model# | For Pipe Size(s) | Box Qty |
|---------|------------------|---------|
| 117-3L | 3" | 1 |
| 117-4L | 4" | 1 |
| 117-5L | 5" | 1 |
| 117-6L | 6" | 1 |
| 117-8L | 8" | 1 |
| 117-10L | 10" | 1 |
| 117-12L | 12" | 1 |
| 117-15L | 15" | 1 |



HOLDRITE® Wye and Eighth Bend with Blind Plug - CE Series

- End of the line combo Wye and Eighth Bend fitting with blind plug or clean out support kit
- (3) Galvanized steel straps with (6) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|-----------|------------------|---------|
| 117-3CE | 3" | 1 |
| 117-4CE | 4" | 1 |
| 117-4x3CE | 4" x 3" | 1 |
| 117-5CE | 5" | 1 |
| 117-5x4CE | 5" x 4" | 1 |
| 117-6CE | 6" | 1 |
| 117-6x5CE | 6" x 5" | 1 |
| 117-6x4CE | 6" x 4" | 1 |
| 117-8CE | 8" | 1 |
| 117-8x6CE | 8" x 6" | 1 |
| 117-8x5CE | 8" x 5" | 1 |
| 117-8x4CE | 8" x 4" | 1 |

*10"-15" sizes coming in 2012



HOLDRITE® Wye and Eighth Bend - CM Series

- Combination Wye and Eighth Bend fitting support kit (for mid-stream combos)
- (3) Galvanized steel straps with (6) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|-----------|------------------|---------|
| 117-3CM | 3" | 1 |
| 117-4CM | 4" | 1 |
| 117-4x3CM | 4" x 3" | 1 |
| 117-5CM | 5" | 1 |
| 117-5x4CM | 5" x 4" | 1 |
| 117-6CM | 6" | 1 |
| 117-6x5CM | 6" x 5" | 1 |
| 117-6x4CM | 6" x 4" | 1 |
| 117-8CM | 8" | 1 |
| 117-8x6CM | 8" x 6" | 1 |
| 117-8x5CM | 8" x 5" | 1 |
| 117-8x4CM | 8" x 4" | 1 |

*10"-15" sizes coming in 2012



HOLDRITE® Wye/ Santee - W Series

- Wye/ Santee fitting support kit
- (2) Galvanized steel straps with (4) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|----------|------------------|---------|
| 117-4W | 4" | 1 |
| 117-4x3W | 4" x 3" | 1 |
| 117-5W | 5" | 1 |
| 117-5x4W | 5" x 4" | 1 |
| 117-6W | 6" | 1 |
| 117-6x5W | 6" x 5" | 1 |
| 117-6x4W | 6" x 4" | 1 |
| 117-8W | 8" | 1 |
| 117-8x6W | 8" x 6" | 1 |
| 117-8x5W | 8" x 5" | 1 |
| 117-8x4W | 8" x 4" | 1 |
| 117-8x3W | 8" x 3" | 1 |

*10"-15" sizes coming in 2012



HOLDRITE® Blind Plug (Cap) Support - BP Series

- (2) Galvanized steel straps with (4) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|---------|------------------|---------|
| 117-3BP | 2" - 3" | 1 |
| 117-4BP | 4" | 1 |
| 117-5BP | 5" | 1 |
| 117-6BP | 6" | 1 |
| 117-8BP | 8" | 1 |

*10"-15" sizes coming in 2012

See Installation Instructions for Hardware Torque Requirements and Head Pressure Ratings

No-Hub Fitting Restraints



HOLDRITE® Short Reducer Support - R Series

- Reducer Restraint Kit
- (2) Galvanized steel straps with (4) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|----------|------------------|---------|
| 117-4x2R | 4" x 2" | 1 |
| 117-4x3R | 4" x 3" | 1 |
| 117-5x2R | 5" x 2" | 1 |
| 117-5x3R | 5" x 3" | 1 |
| 117-5x4R | 5" x 4" | 1 |
| 117-6x2R | 6" x 2" | 1 |
| 117-6x3R | 6" x 3" | 1 |
| 117-6x4R | 6" x 4" | 1 |
| 117-6x5R | 6" x 5" | 1 |
| 117-8x2R | 8" x 2" | 1 |
| 117-8x3R | 8" x 3" | 1 |
| 117-8x4R | 8" x 4" | 1 |
| 117-8x5R | 8" x 5" | 1 |
| 117-8x6R | 8" x 6" | 1 |

**10"-15" sizes coming in 2012*



HOLDRITE® End to End - S Series

- Supports end-to-end cast iron pipe joints
- Coupling Restraint Kit
- (2) Galvanized steel straps with (4) stainless steel band clamps up to 8"
- Heavy-duty steel pipe clamps and galvanized steel straps for 10"-15"

| Model# | For Pipe Size(s) | Box Qty |
|---------|------------------|---------|
| 117-3S | 2" - 3" | 1 |
| 117-4S | 4" | 1 |
| 117-5S | 5" | 1 |
| 117-6S | 6" | 1 |
| 117-8S | 8" | 1 |
| 117-10S | 10" | 1 |
| 117-12S | 12" | 1 |
| 117-15S | 15" | 1 |



HOLDRITE® C/O Support - T Series

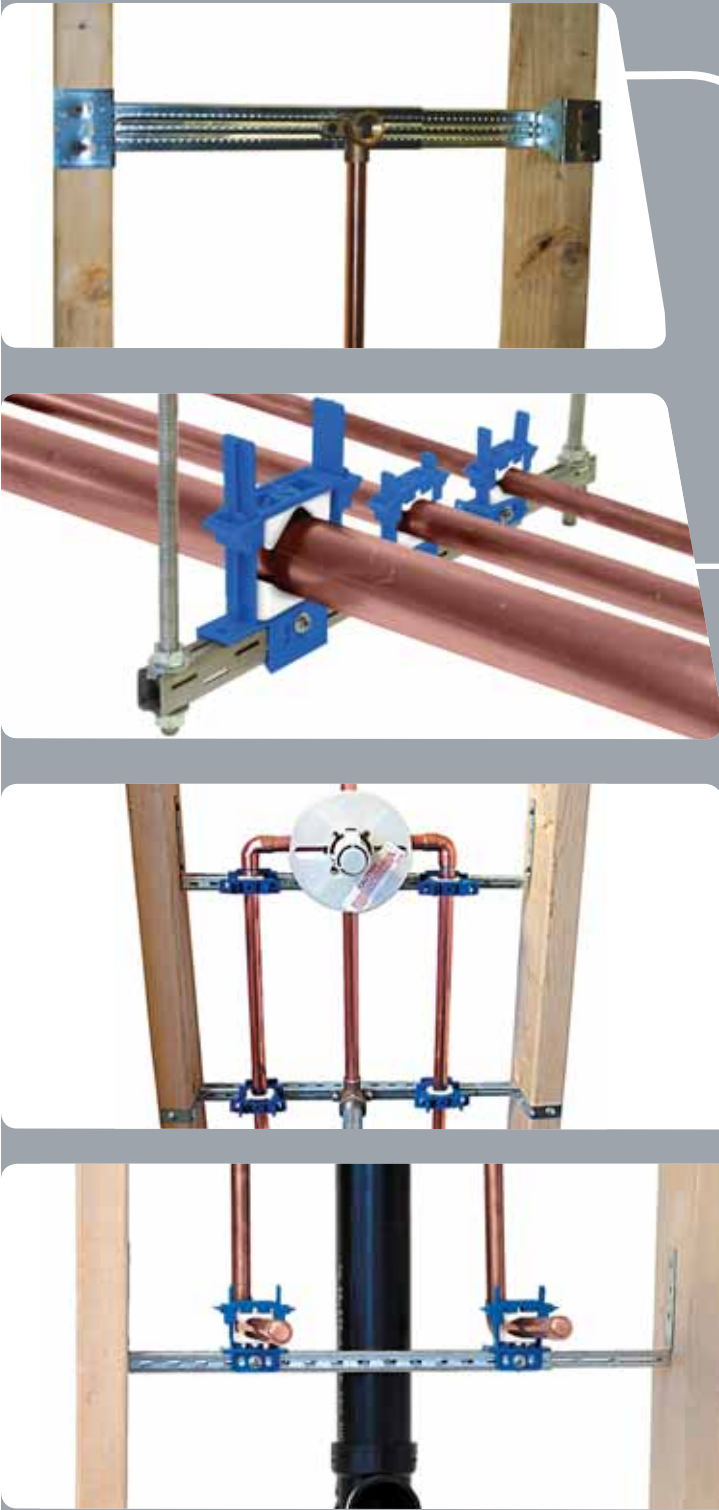
- Retention Strap Kit
- (2) Galvanized steel straps with (4) stainless steel band clamps

| Model# | For Pipe Size(s) | Box Qty |
|--------|------------------|---------|
| 117-3T | 2" - 3" | 1 |
| 117-4T | 4" | 1 |
| 117-5T | 5" | 1 |
| 117-6T | 6" | 1 |
| 117-8T | 8" | 1 |

**10"-15" sizes coming in 2012*

HOLDRITE Stout Bracket®

TELESCOPING SUPPORT AND ALIGNMENT SOLUTIONS



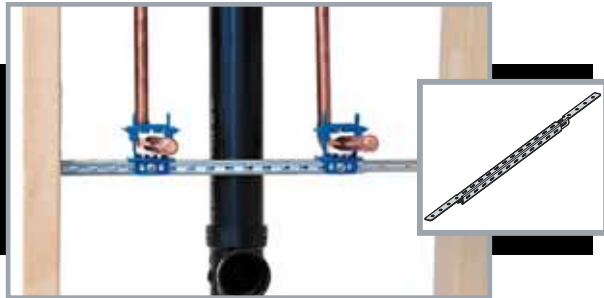
Superior Strength and Telescoping Design

Supports Copper, PEX, CPVC and Other Material Types

Numerous Components Integrate Directly into Multiple Sides of Brackets

Ideal for Vertical or Horizontal Installations

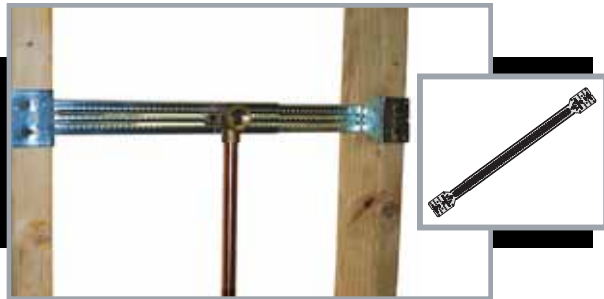
See Installation Instructions for Hardware Torque Requirements and Head Pressure Ratings



HOLDRITE STOUT BRACKET® – #SB1, #SB2, #SB1S, #SB2S

- Multi-purpose galvanized steel bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and many other types of piping
- Numerous clamps and fittings integrate onto multiple sides of the Stout Bracket for superior strength and versatility
- SB1S and SB2S includes four screws

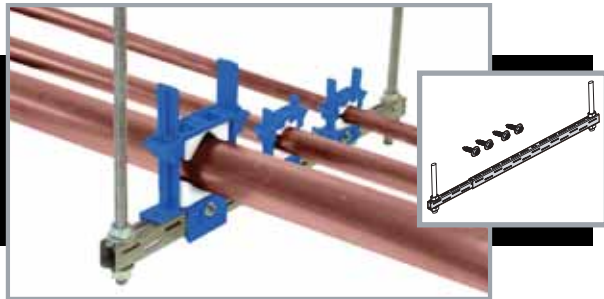
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------|------------------|---------|
| SB1 | 10" to 18" | Various | 50 |
| SB1S | 10" to 18" | Various | 50 |
| SB2 | 13" to 25" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |



HOLDRITE STOUT BRACKET® – #SB3, #SB4

- Ideal for shower head, tub spout, vertical mid-span, and much more
- Supports both 2-eared and 3-eared 90s
- Telescoping design supports CPVC, Copper, PEX tubing and other items
- Integrates with several HOLDRITE clamps and other industry standard components

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------------|------------------|---------|
| SB3 | 10-1/4" to 17-1/2" | Various | 50 |
| SB4 | 15-1/4" to 25-1/2" | Various | 50 |



HOLDRITE EZ-STRUT™ – #EZ-1, #EZ-2

- Galvanized steel trapeze platform with telescoping design
- Ideal for multiple pipe run application including gas, Copper, CPVC, PEX
- Sizing from 12" to 40" with load rating of up to 1000 pounds
- Compatible with HOLDRITE #250 & #280 clamps & other industry clamps
- Attaches to standard 3/8" all-thread rod
- Includes four screws

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------|------------------|---------|
| EZ-1 | 12" to 21" | Various | 25 |
| EZ-2 | 23" to 40" | Various | 25 |



HOLDRITE STOUT BRACKET® – #SB1-2502, #SB2-2502

- Multi-purpose galvanized steel bracket, with (2) HOLDRITE® #250 clamps, and (4) screws
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and many other types of piping
- Numerous clamps and fittings integrate into multiple sides of the Stout Bracket for superior strength and versatility
- Framework rated to UL 94 V-2

| Model# | Size | For Pipe Size(s) | Box Qty |
|----------|------------|------------------|---------|
| SB1-2502 | 10" to 18" | 1/2"-1" CTS | 25 |
| SB2-2502 | 13" to 25" | 1/2"-1" CTS | 25 |



HOLDRITE® PRO CLAMP – #201, #202

- Ideal for securing single Copper, PEX, CPVC tubing to Stout Bracket® or #170 Bracket
- Nylon clamps attach with a single fastener
- Flame rated per UL 94 V-2 standards

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 201 | 2-1/8" X 1-7/8" | 1/2" CTS | 50 |
| 202 | 2-1/8" X 2-1/8" | 3/4" CTS | 50 |



HOLDRITE SNAP CLAMP® – #211, #212

- Half moon shaped, fire retardant PVC clamp
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- CPVC tubing glues directly to clamp
- Meets UL 94 V-0 requirements
- Mounts to Stout Brackets, #170 Bracket or framing members

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 211 | 1" X 1-1/4" | 1/2" CTS | 100 |
| 212 | 1" X 1-3/8" | 3/4" CTS | 100 |



HOLDRITE® VARIABLE SIZE CLAMPS – #250, #280

- Ideal for noise and vibration isolation and dissimilar metal isolation
- Compatible with Copper, PEX, CPVC, CSST, PVC, Steel, & other materials
- Variable closure clamp mounts directly to Stout Bracket & EZ-Strut Bracket
- Supports up to 2" pipe sizes with sound rating lab tested
- Framework rated to UL 94 V-2

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250 | 2-3/8" X 2-5/8" | 3/8" to 1" CTS | 50 |
| 280 | 4-3/8" X 5-1/8" | 1" to 2" CTS/IPS | 50 |



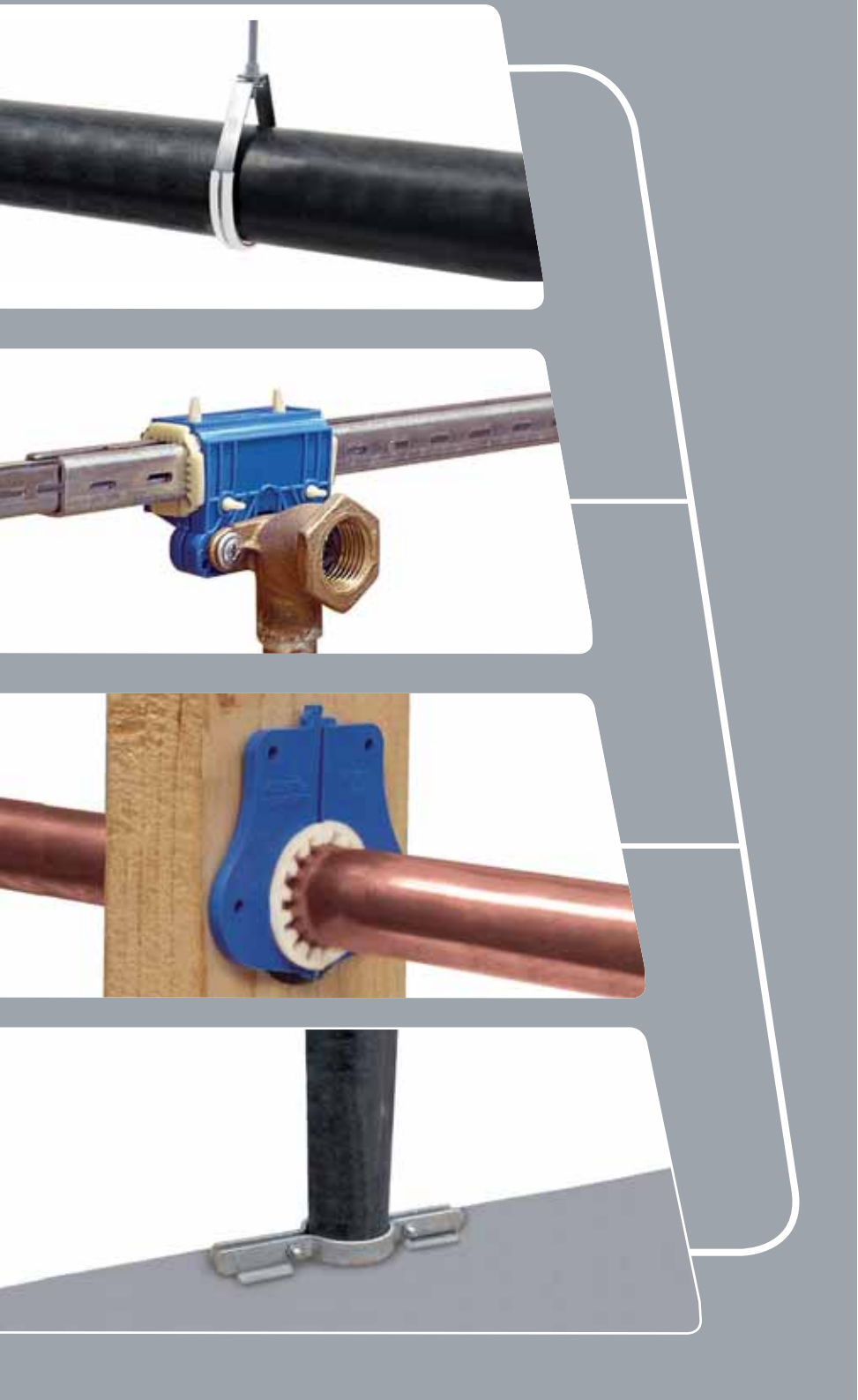
HOLDRITE SILENCER™ – #255, #285

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
- Flat base, variable closure clamp mounts directly to #SB3 & #SB4, wood, metal, or other flat surfaces
- Supports up to 2" pipe sizes, with load ratings up to 300 lbs.
- Framework rated to UL 94 V-2

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 255 | 2-7/8" X 2" | 3/8" - 1" CTS | 50 |
| 285 | 4-3/8" X 4" | 1" - 2" CTS/IPS | 50 |

HOLDRITE SILENCER™

NOISE AND VIBRATION ISOLATION SOLUTIONS



ISO-3822 Third Octave
Lab Tested

Integrates with
HOLDRITE® Pipe
Support Systems

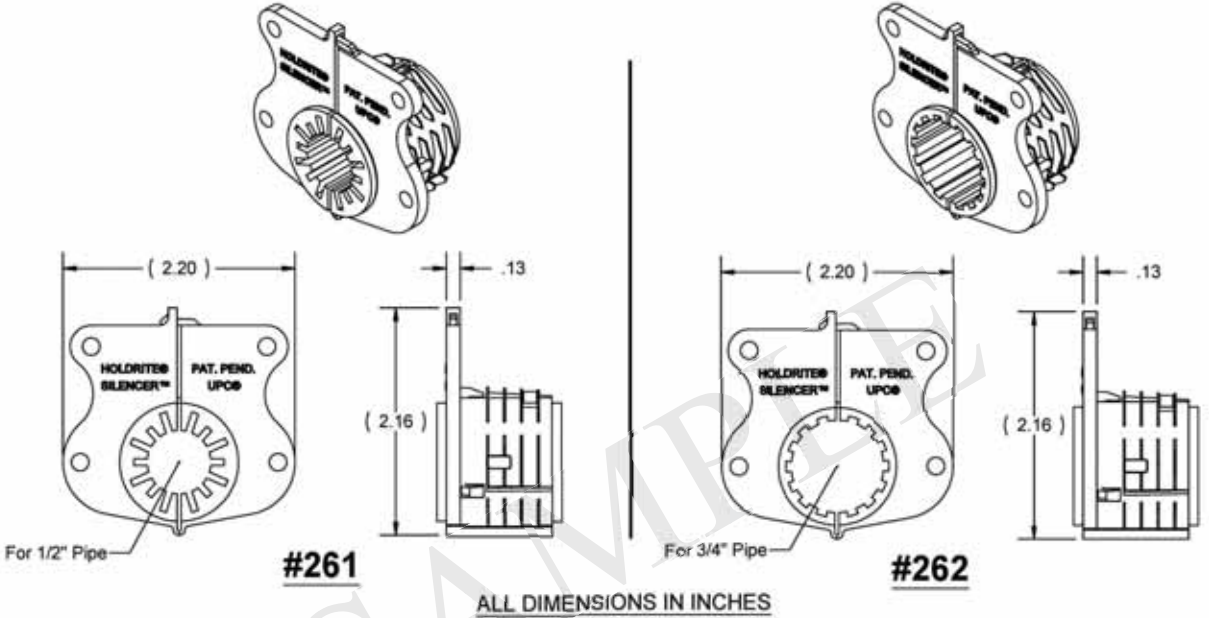
Reduces Plumbing
Noise and Vibration

Compatible with
Copper, PEX, CPVC,
Cast Iron and Other
Materials

Field Tested and
Proven

HOLDRITE Silencer™ Acoustical Product Specifications

PRODUCT SPECIFICATION DRAWING HOLDRITE® Silencer™ Through-Stud / Suspension Clamp #261 & #262



Model #'s 261 and 262 can be used as a suspension hanger, e.g., from a joist or cross-member or a HOLDRITE® Stout Bracket™, or as a through-hole isolator in wood or up to 14 gage metal framing into a 1-11/32" - 1-3/8" hole. As a through-hole isolator, they can also be used with HOLDRITE® #103, #121, and #709 series brackets. These models are used for securing and retaining tubing while providing superior acoustical isolation between the tubing and the supporting structure. Supports 1/2" and 3/4" CTS tube sizes. Supports Copper, PEX, CPVC tubing, conduit, etc. UPC listed.

Product Information:

- Material:
Shell: Polypropylene, blue, FR UL94-V2
Isolators: TPE, natural (off-white), 45 shore A
- Temperature Range: -10°F to 140°F (suspension)
-10°F to 180°F (through-stud)
- Load rating: 25 pounds in suspension mode
- UPC / IPC listed
- IAPMO listed, per standard PS42-96
- Patent Pending

THIS INFORMATION IS PROPRIETARY TO HOLDRITE AND IS SUBJECT TO CHANGE WITHOUT NOTICE. IT MAY NOT BE REPRODUCED IN PART OR WHOLE WITHOUT WRITTEN AUTHORIZATION.

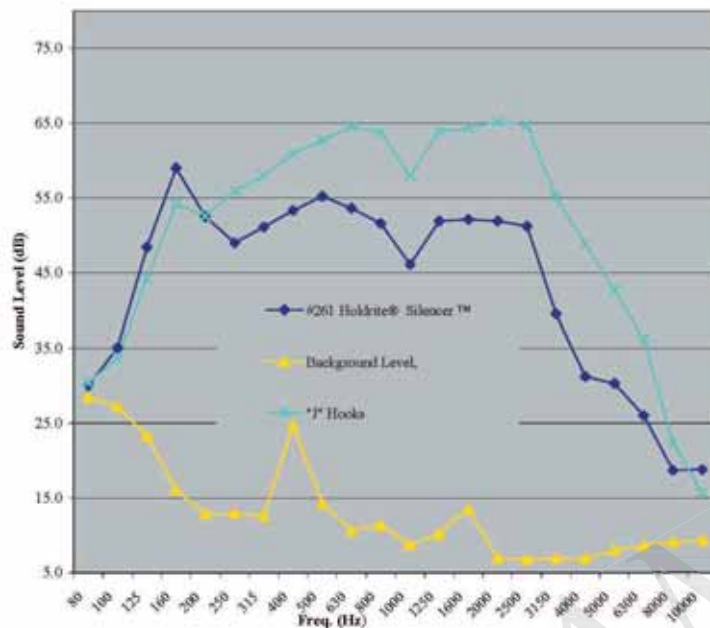
HOLDRITE®

CONVERTING MAKESHIFT METHODS INTO ENGINEERED SOLUTIONS™
800-321-0316 OR 760-744-6944 / FAX: 760-744-0507 / WWW.HOLDRITE.COM
spec_261_262_RevP



| Product Submittal | |
|--------------------|------|
| Job Name: | |
| Date: | |
| Part Number: | Qty: |
| Architect / Owner: | |
| Contractor: | |
| Notes: | |

HOLDRITE Silencer™ Acoustical Test Data



TEST: Noise and Vibration Isolation

APPLICATION TESTED: Thru-Stud Penetrations

TEST RESULTS

DATE: 8/8/2006

TEST 1: HOLDRITE® Silencer™ #261

TEST 2: Copper-plated "J" Hook

PIPE SIZE: 1/2" Copper Tubing

WALL TYPE: 2 x 4 Wood Stud

| Sound Level, dB (re. 0.0002 phar) | | | |
|-----------------------------------|----------------------------------------|-----------------------------------------------|--------------------------------|
| 1/3 Octave Freq (Hz) | Background Level, L _{eq} (dB) | #261 Holdrite® Silencer™ L _{eq} (dB) | "J" Hooks L _{eq} (dB) |
| 80 | 28.5 | 30.0 | 30.4 |
| 100 | 27.2 | 35.1 | 33.7 |
| 125 | 23.3 | 48.4 | 44.2 |
| 160 | 16.1 | 59.0 | 54.2 |
| 200 | 12.8 | 52.5 | 52.6 |
| 250 | 12.9 | 49.0 | 55.9 |
| 315 | 12.6 | 51.1 | 58.0 |
| 400 | 24.7 | 53.3 | 60.9 |
| 500 | 14.3 | 55.2 | 62.7 |
| 630 | 10.6 | 53.6 | 64.5 |
| 800 | 11.4 | 51.6 | 63.8 |
| 1000 | 8.7 | 46.1 | 58.0 |
| 1250 | 10.2 | 51.9 | 63.9 |
| 1600 | 13.5 | 52.1 | 64.3 |
| 2000 | 7.0 | 51.9 | 65.2 |
| 2500 | 6.8 | 51.2 | 64.7 |
| 3150 | 7.0 | 39.5 | 55.1 |
| 4000 | 6.9 | 31.2 | 48.8 |
| 5000 | 8.0 | 30.3 | 42.7 |
| 6300 | 8.6 | 26.0 | 36.2 |
| 8000 | 9.1 | 18.7 | 22.4 |
| 10000 | 9.3 | 18.8 | 15.7 |
| dBA | 23.8 | 61.3 | 73.0 |

Independently lab tested by an ISO-3822 certified lab

Resulting acoustic spectra were analyzed in 1/3 octave bands, from 80 Hz to 10,000 Hz

Other HOLDRITE Silencer™ application solution data available upon request

| Change in Sound Pressure Level (+ or -) | Change in Apparent Loudness |
|-----------------------------------------|-----------------------------|
| 3 dB | Just Perceptible |
| 5 dB | Clearly Noticeable |
| 10 dB | Twice (or 1/2) as Loud |
| 15 dB | Three (or 1/3) as Loud |
| 20 dB | Four (or 1/4) as Loud |

A comprehensive collection of Specification Sheets and Acoustical Data for all HOLDRITE Silencer™ products is available in the **HOLDRITE Silencer Acoustical Submittal Pack**. Visit www.holdrite.com/tech/submittal_pack

Acoustic Isolation

HOLDRITE SILENCER™ – #250, #280

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
- Variable closure clamp mounts directly to Stout Bracket and EZ-Strut Bracket
- Supports up to 2" pipe sizes, with load ratings up to 300 lbs.

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250 | 2-3/8" X 2-5/8" | 3/8" - 1" CTS | 50 |
| 280 | 4-3/8" X 5-1/8" | 1" - 2" CTS/IPS | 50 |

HOLDRITE SILENCER™ – #255, #285

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
- Flat base, variable closure clamp mounts directly to #SB3 & #SB4, wood, metal, or other flat surfaces
- Supports up to 2" pipe sizes, with load ratings up to 300 lbs.

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 255 | 2-7/8" X 2" | 3/8" - 1" CTS | 50 |
| 285 | 4-3/8" X 4" | 1" - 2" CTS/IPS | 50 |

HOLDRITE® VARIABLE STRUT CLAMP – #257-P, #287-P

- Ideal for securing Copper, PEX, CPVC, and other piping directly to strut/channel
- No tools required and eliminates need for over 20 strut clamp SKUs
- Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds
- Includes isolation pads to minimize noise and vibration, lab tested
- Provides dissimilar metal isolation

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|-------------------|---------|
| 257-P | 2-1/2" x 2-7/8" | 3/8" - 1" CTS | 50 |
| 287-P | 3-1/2" x 4-7/8" | 1" - 2" CTS / IPS | 50 |

HOLDRITE SILENCER™ – #261 - #264

- Ideal for sound-rated and isolation applications, lab tested
- Compatible with Copper, PEX, and CPVC tubing
- Thru-stud insert/suspension clamp, dual purpose design
- Integrates directly with Stout Bracket, EZ-Strut Bracket or framing members
- Supports up to 1-1/4" tubing

| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 261 | 1-3/8" Diameter | 1/2" CTS | 50 |
| 262 | 1-3/8" Diameter | 3/4" CTS | 50 |
| 263 | 2" Diameter | 1" CTS | 50 |
| 264 | 2" Diameter | 1-1/4" CTS | 50 |

HOLDRITE SILENCER™ – #265

- Shower head/tub spout acoustical anchor point clamp, lab tested
- Ideal for minimizing noise transfer to the building system
- Mounts directly to the HOLDRITE Stout Bracket (SB1 + SB2)
- Two screws included

| Model# | Clamp Size | Box Qty |
|--------|--------------------------|---------|
| 265 | 2-1/4" X 1-5/8" X 1-1/8" | 50 |



HOLDRITE SILENCER™ – #270

- Lab-tested rubber isolation liner
- Ideal for sound-rated and isolation applications for Copper, PEX, CPVC, PVC, Iron pipe, ABS, and Cast Iron
- Attaches to loop hangers and HOLDRITE Stout Bracket

| Model# | Size | Hanger Size | Box Qty |
|--------|-----------|-------------|----------|
| 270 | 3/4" Wide | Various | 50' Roll |



HOLDRITE SILENCER™ – #271

- Lab-tested, self-adhesive rubber isolation liner
- Ideal for sound-rated and isolation applications for Copper, PEX, CPVC, PVC, Iron pipe, ABS, and Cast Iron
- Attaches to hangers or works as a pipe wrap

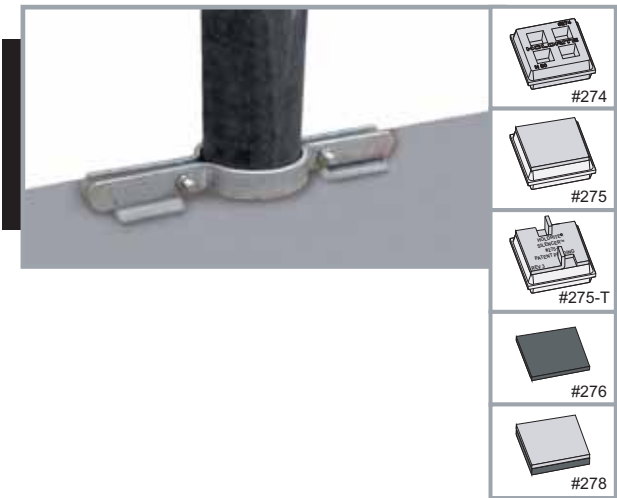
| Model# | Size | Hanger Size | Box Qty |
|--------|---------|-------------|----------|
| 271 | 2" Wide | Various | 25' Roll |



HOLDRITE SILENCER™ – #272-2, #Felt 100

- Lab-tested, self-adhesive white polyester felt
- Ideal for sound-rated and isolation applications for Copper, PEX, CPVC, PVC, Iron pipe, ABS, and Cast Iron
- Eliminates dissimilar metal contact and minimizes noise/vibration transfer
- #272-2 is 1/4" thick. Felt 100 is 1/8" thick

| Model# | Size | Tube / Pipe Size | Box Qty |
|----------|----------------------|------------------|-----------|
| 272-2 | 2" X 1/4" X 25' | Various | 25' Roll |
| Felt 100 | 2-1/4" X 1/8" X 100' | Various | 100' Roll |



HOLDRITE SILENCER™ – #274, #275, #275-T, #276, #278

- #274, #275, #275-T have lab-tested, Neoprene white vibration isolation pad
- Rubber vibration isolation pad ideal for riser clamps or equipment support
- Minimizes noise and vibration transfer at piping stacks and risers
- #275, #275-T, & #278 includes additional 10-gage, galvanized steel bearing plate
- #275-T includes vertical tabs for keeping riser clamp in place

| Model# | Size | Pipe Size | Box Qty |
|--------|----------------|-----------|---------|
| 274 | 2" X 2" X 3/4" | Various | 180 |
| 275 | 2" X 2" X 7/8" | Various | 144 |
| 275-T | 2" X 2" X 7/8" | Various | 144 |
| 276 | 2" X 2" X 1/4" | Various | 50 |
| 278 | 2" X 2" X 1/4" | Various | 50 |



HOLDRITE® SWIVEL LOOP HANGERS – #300 - #310

- Ideal for noise & vibration isolation and dissimilar metal isolation
- Galvanized steel loop hanger with 3/8" swivel nut and rubber liner
- Conforms with Federal Specification WW-H-171 (Type 10), Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 10)

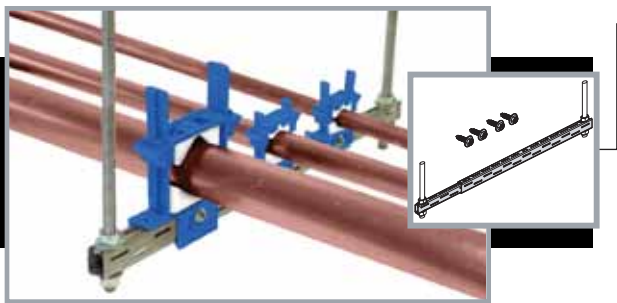
| Model# | For Pipe Size(s) | | Box Qty |
|--------|------------------|----------|---------|
| | IPS Size | CTS Size | |
| 300 | n/a | 1/2" | 100 |
| 301 | 1/2" | 3/4" | 100 |
| 302 | 3/4" | 1" | 100 |
| 303 | 1" | 1-1/4" | 100 |
| 304 | 1-1/4" - 1-1/2" | 1-1/2" | 100 |
| 306 | 2" | 2" | 100 |
| 307 | 2-1/2" | 2-1/2" | 50 |
| 308 | 3" | 3" | 50 |
| 310 | 4" | 4" | 25 |



HOLDRITE® J-HANGERS – #320 - #330

- Ideal for noise & vibration isolation and dissimilar metal isolation
- Galvanized steel J-hanger with rubber liner
- Conforms with Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 5)

| Model# | For Pipe Size(s) | | Box Qty |
|--------|------------------|----------|---------|
| | IPS Size | CTS Size | |
| 320 | n/a | 1/2" | 50 |
| 321 | 1/2" | 3/4" | 50 |
| 322 | 3/4" | 1" | 50 |
| 323 | 1" | 1-1/4" | 50 |
| 324 | 1-1/4" | 1-1/2" | 50 |
| 325 | 1-1/2" | 2" | 50 |
| 326 | 2" | 2-1/2" | 50 |
| 327 | 2-1/2" | 3" | 25 |
| 328 | 3" | n/a | 25 |
| 330 | 4" | 4" | 25 |



HOLDRITE EZ-STRUT™ – #EZ-1, #EZ-2

- Ideal for multiple pipe run applications including Gas, Copper, CPVC, & PEX
- Galvanized steel trapeze platform with telescoping design
- Works best with HOLDRITE #250 and #280 Clamps
- Attaches to standard all-thread rod with load rating up to 1,000 pounds
- Includes four screws

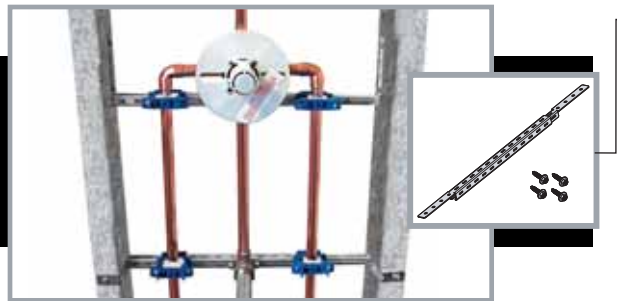
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------|------------------|---------|
| EZ-1 | 12" to 21" | Various | 25 |
| EZ-2 | 23" to 40" | Various | 25 |



HOLDRITE STOUT BRACKET® – #SB1-2502, #SB2-2502

- Multi-purpose galvanized steel bracket, (2) two HOLDRITE® #250 clamps, 4 screws
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and many other types of piping
- Numerous clamps and fittings integrate into multiple sides of the Stout Bracket for superior strength and versatility

| Model# | Size | For Pipe Size(s) | Box Qty |
|----------|------------|------------------|---------|
| SB1-2502 | 10" to 18" | 1/2"-1" CTS | 25 |
| SB2-2502 | 13" to 25" | 1/2"-1" CTS | 25 |



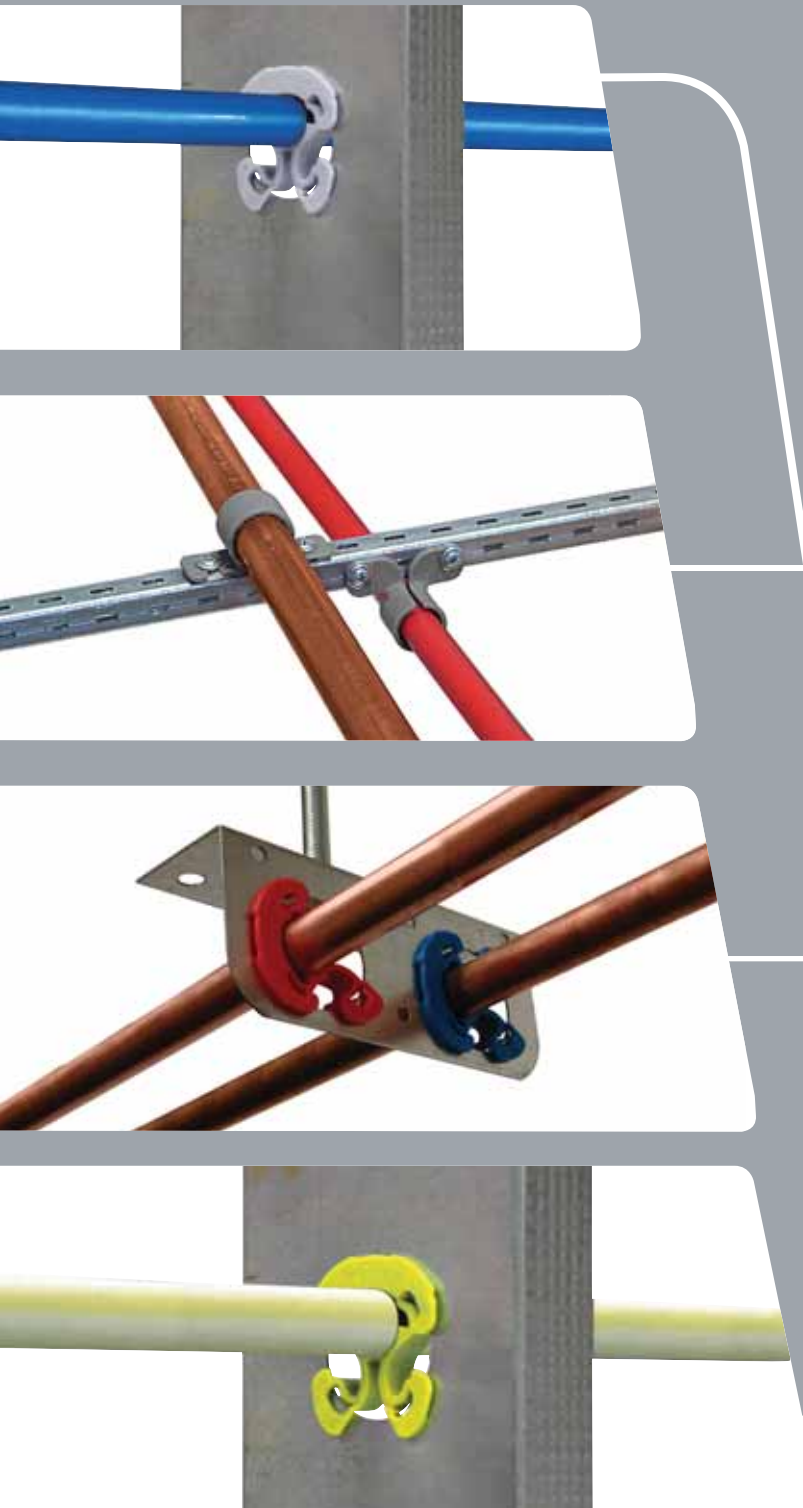
HOLDRITE STOUT BRACKET® – #SB1S, #SB2S

- Multi-purpose galvanized bracket supports various application solutions
- Ideal for lavatory, shower, toilet, vertical, horizontal and much more
- Telescoping design supports Copper, PEX, CPVC, and other types of piping
- Numerous acoustically-rated components integrate into multiple sides of the Stout Bracket for superior strength and versatility
- Includes four screws

| Model# | Bracket Size | For Pipe Size(s) | Box Qty |
|--------|--------------|------------------|---------|
| SB1S | 10" to 18" | Various | 50 |
| SB2S | 13" to 25" | Various | 50 |

HOLDRITE® Inserts and Clamps

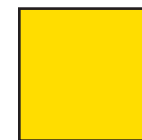
SUPPORT AND ALIGNMENT SOLUTIONS



Ideal for Copper, PEX
and CPVC Tubing



Flame Rated:
Meets UL 94 V-2



Flame Rated:
Meets UL 94 V-0 &
ASTM E84 25/50



Standard
Non-Flame
Rated

Inserts and Clamps



HOLDRITE® ISOLATORS – #104 - #106

- Ideal for Copper, PEX, and CPVC tubing in stub-out locations with #103 series, #121 series, #700 series and #110-R brackets
- Compatible with #121 series brackets for other applications
- Tubing size up to 1"

| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 104 | 1-3/8" Diameter | 1/2" CTS | 100 |
| 105 | 1-3/8" Diameter | 3/4" CTS | 100 |
| 106 | 1-3/8" Diameter | 1" CTS | 100 |



HOLDRITE® SUSPENSION CLAMPS – #221 - #226

- Ideal for Copper, PEX, and CPVC tubing
- Mounts directly on HOLDRITE STOUT BRACKET or other surfaces
- Tubing size up to 2"

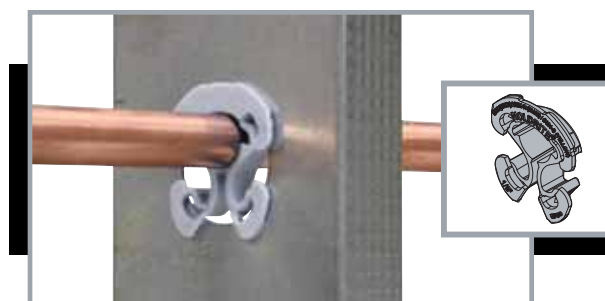
| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 221 | 1-7/8" X 1-1/2" | 1/2" CTS | 100 |
| 222 | 1-7/8" X 1-3/4" | 3/4" CTS | 100 |
| 223 | 2-3/8" X 2-1/8" | 1" CTS | 50 |
| 224 | 2-7/8" X 2-3/8" | 1-1/4" CTS | 25 |
| 225 | 2-7/8" X 2-3/4" | 1-1/2" CTS | 25 |
| 226 | 3-3/8" X 3-1/8" | 2" CTS | 25 |



HOLDRITE® 2-HOLE STANDARD CLAMPS – #231 - #236

- Ideal for Copper, PEX, and CPVC tubing
- Mounts directly on HOLDRITE STOUT BRACKET or other flat surfaces

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 231 | 2" X 7/8" | 1/2" CTS | 100 |
| 232 | 2-3/8" X 2-1/8" | 3/4" CTS | 100 |
| 233 | 2-3/4" X 2-1/2" | 1" CTS | 50 |
| 234 | 2-3/4" X 1-3/4" | 1-1/4" CTS | 25 |
| 235 | 3-1/8" X 2" | 1-1/2" CTS | 25 |
| 236 | 3-1/2" X 2-1/2" | 2" CTS | 25 |



HOLDRITE® ISOLATORS – #424 - #426

- Ideal for metal thru-stud applications and integrates with HOLDRITE #121 series, #125 series and #700 series brackets
- Positioning and dissimilar metal isolation for Copper, CPVC, and PEX tubing
- Meets UL 94 HB requirements
- "-C" versions for gluing to CPVC tubing

| Model# | Hole Size | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424 | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425 | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426 | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |

Flame-Rated Isolators
Meets UL 94 V-2



Blue – Cold lines
Red – Hot lines



- HOLDRITE® ISOLATORS – #424-RB - #426-RB, #424-RR - #426-RR**
- Ideal for metal thru-stud applications and integrates with HOLDRITE #121 and #125 series brackets
 - Positioning and dissimilar metal isolation for Copper, CPVC, and PEX tubing
 - Meets UL 94 V-2 requirements
 - Off-center hole design allows for cross-over without fittings

| Model# | Hole Needed | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424-RB | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425-RB | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426-RB | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |
| 424-RR | 1-11/32" & 1-3/8" | 1/2" CTS | 50 | 250 |
| 425-RR | 1-11/32" & 1-3/8" | 3/4" CTS | 50 | 250 |
| 426-RR | 1-11/32" & 1-3/8" | 1" CTS | 50 | 250 |

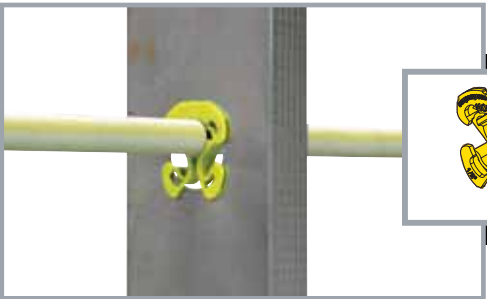


- HOLDRITE® ISOLATORS – #404-R - #406-R**
- Ideal for metal studs with Copper, PEX, and CPVC tubing
 - Meets UL 94 V-2 requirements
 - Compatible with #103, #121, #125, #700 and #110-R series brackets
 - Tubing size up to 1" (fits into 1-3/8" or 1-11/32" holes)

| Model# | Hole Needed | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 404-R | 1-3/8" Diameter | 1/2" CTS | 100 |
| 405-R | 1-3/8" Diameter | 3/4" CTS | 100 |
| 406-R | 1-3/8" Diameter | 1" CTS | 100 |

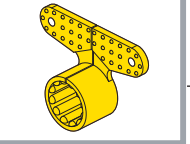
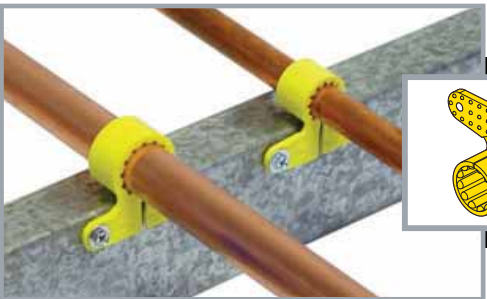
Plenum, Smoke & Flame-Rated Isolators & Clamps
Meets ASTM E84 25/50 and UL 94 V-0 requirements

FLAME FIGHTER™



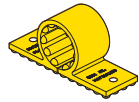
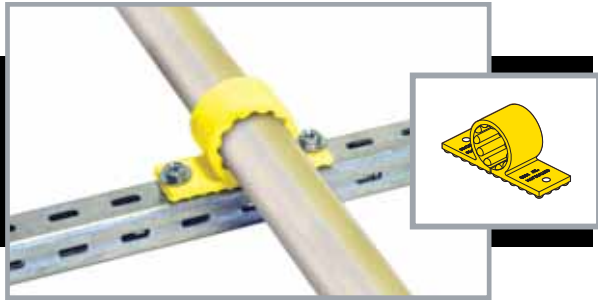
- HOLDRITE® ISOLATORS – #424-S - #426-S**
- Ideal for metal thru-stud applications
 - Integrates with HOLDRITE #121 and #125 series brackets
 - Positioning and dissimilar metal isolation for Copper, CPVC, and PEX tubing
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)

| Model# | Hole Size | Pipe Size | Bag Qty | Master Carton Qty |
|--------|-------------------|-----------|---------|-------------------|
| 424-S | 1-11/32" & 1-3/8" | 1/2" CTS | 25 | 250 |
| 425-S | 1-11/32" & 1-3/8" | 3/4" CTS | 25 | 250 |
| 426-S | 1-11/32" & 1-3/8" | 1" CTS | 25 | 250 |



- HOLDRITE® SUSPENSION CLAMPS – #221-S - #222-S**
- Ideal for CPVC, Copper, and PEX tubing
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)

| Model# | Clamp Size | For Pipe Size(s) | Bag Qty |
|--------|-----------------|------------------|---------|
| 221-S | 1-7/8" X 1-1/2" | 1/2" CTS | 100 |
| 222-S | 1-7/8" X 1-3/4" | 3/4" CTS | 100 |



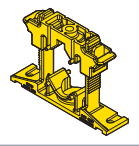
- HOLDRITE® 2-HOLE STANDARD CLAMPS – #231-S - #232-S**
- Ideal for CPVC, Copper, and PEX tubing
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)

| Model# | Clamp Size | For Pipe Size(s) | Bag Qty |
|--------|-----------------|------------------|---------|
| 231-S | 2" X 7/8" | 1/2" CTS | 100 |
| 232-S | 2-3/8" X 2-1/8" | 3/4" CTS | 100 |



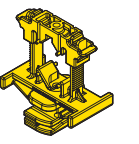
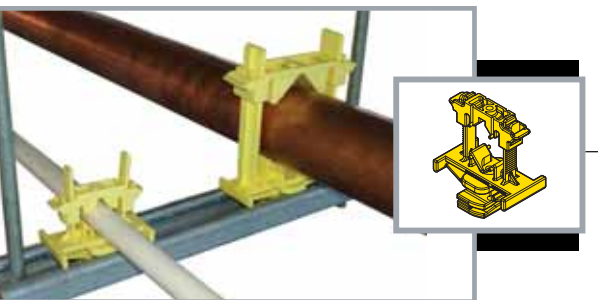
- HOLDRITE® VARIABLE CLAMPS – #250-S, #280-S**
- Ideal for securing tubing to EZ-Strut trapeze/Stout platform
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)
 - Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250-S | 2-3/8" X 2-5/8" | 3/8" to 1" CTS | 50 |
| 280-S | 4-3/8" X 5-1/8" | 1" to 2" CTS/IPS | 50 |



- HOLDRITE® VARIABLE CLAMPS – #255-S, #285-S**
- Compatible with Copper, PEX, CPVC, iron pipe and other system materials
 - Flat base, mounts directly to wood, metal, or other flat surfaces
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)
 - Variable closure clamp supports up to 2" pipe sizes, with load ratings up to 300 lbs.

| Model# | Clamp Size | For Pipe Size(s) | Box Qty |
|--------|-------------|------------------|---------|
| 255-S | 2-7/8" X 2" | 3/8" - 1" CTS | 50 |
| 285-S | 4-3/8" X 4" | 1" - 2" CTS/IPS | 50 |

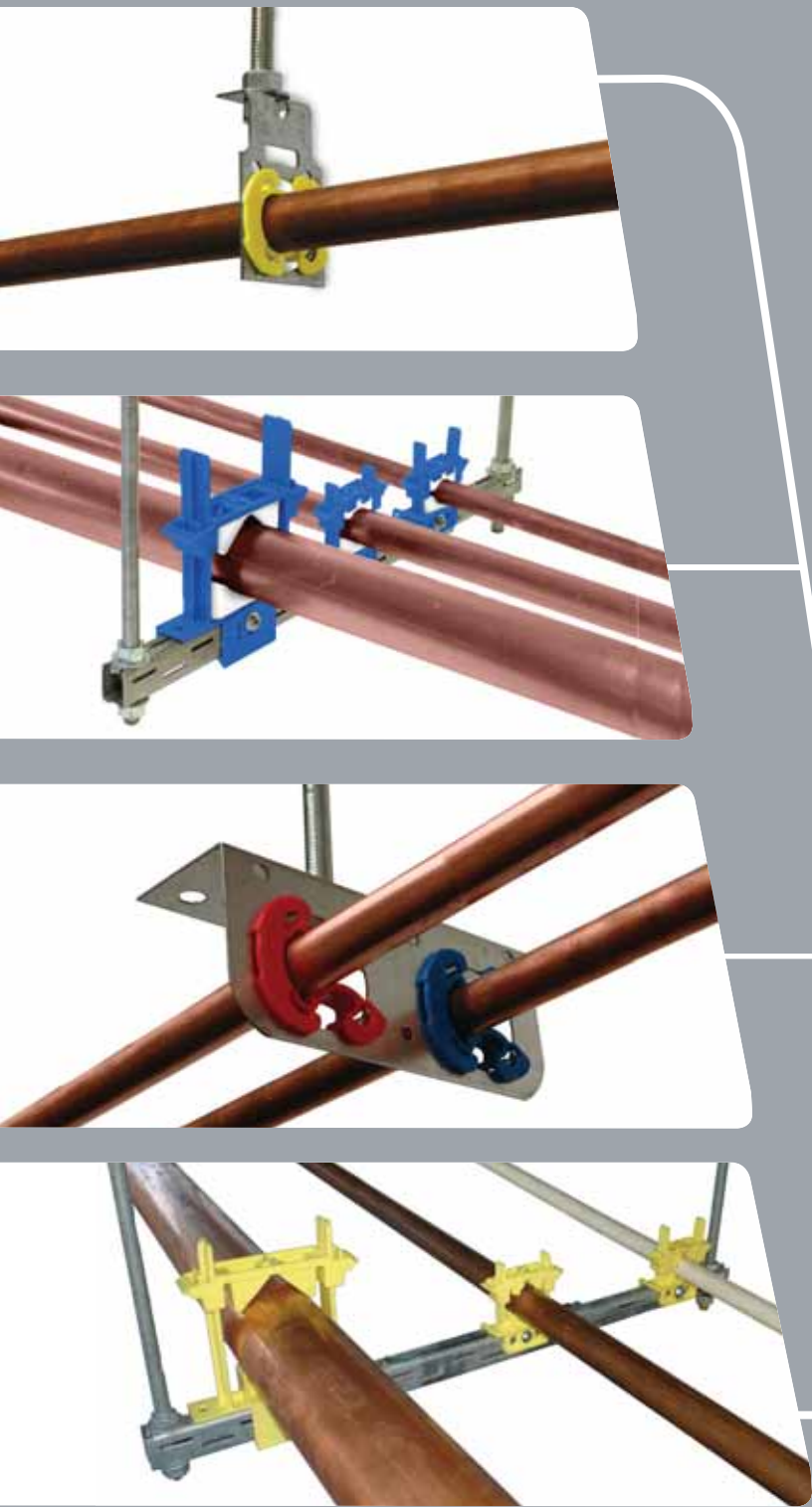


- HOLDRITE® VARIABLE STRUT CLAMPS – #257-S, 287-S**
- Ideal for securing Copper, PEX, CPVC, and other piping directly to strut/channel
 - No tools required and eliminates need for over 20 strut clamp SKUs
 - Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds
 - Meets ASTM E84 25/50 and UL 94 V-0 requirements (Plenum-rated)

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 257-S | 2-1/2" x 2-7/8" | 3/8" - 1" CTS | 50 |
| 287-S | 3-1/2" x 4-7/8" | 1" - 2" CTS/IPS | 50 |

HOLDRITE® Overhead Supports

SUPPORT AND ALIGNMENT SOLUTIONS



Overhead Pipe Support for Copper, PEX, CPVC and Others

Available for High and Tight Runs, Single and Multiple Runs

Versatility with Cast-In-Place Concrete Slabs, All-Thread Rod and Surface Mounting

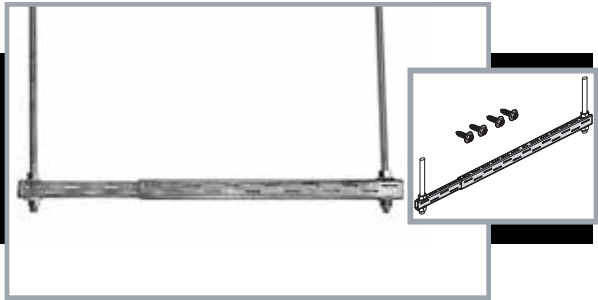
FLAME RATED
UL 94 V-2

PLENUM, SMOKE & FLAME RATED

ASTM E84 25/50
UL 94 V-0

ISO-3822 Lab Tested

Overhead Solutions



HOLDRITE EZ-STRUT™ – #EZ-1, #EZ-2

- Ideal for multiple pipe run applications including Gas, Copper, CPVC, PEX and other piping
- Galvanized steel trapeze platform with telescoping design
- Works best with HOLDRITE #250 and #280 Clamps
- Attaches to standard all-thread rod with load rating up to 1,000 pounds
- Includes four screws

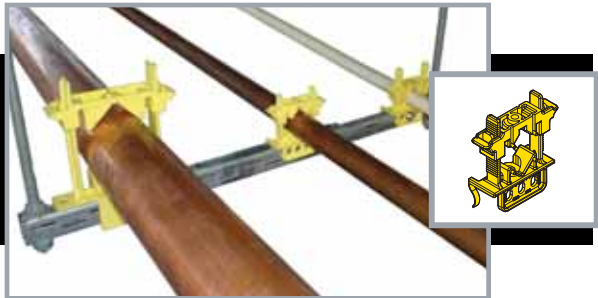
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------|------------------|---------|
| EZ-1 | 12" to 21" | Various | 25 |
| EZ-2 | 23" to 40" | Various | 25 |



HOLDRITE® VARIABLE CLAMPS – #250, #280

- Ideal for securing tubing to EZ-Strut trapeze platform
- Sound-rated/isolation variable closure clamps
- Fire retardant framework meets requirements of UL 94 V-2 rating
- Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds

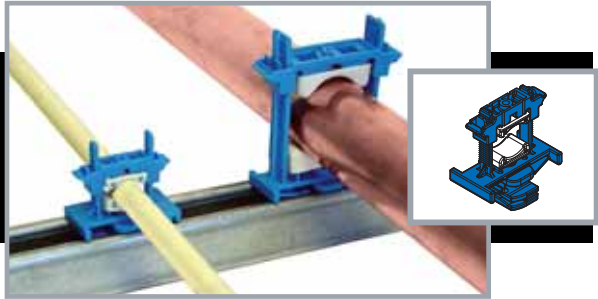
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250 | 2-3/8" X 2-5/8" | 3/8" to 1" CTS | 50 |
| 280 | 4-3/8" X 5-1/8" | 1" to 2" CTS/IPS | 50 |



HOLDRITE® VARIABLE CLAMPS – #250-S, #280-S

- Ideal for securing tubing to EZ-Strut trapeze platform
- Meets requirements of UL 94 V-0 and ASTM E84 25/50 ratings
- Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds

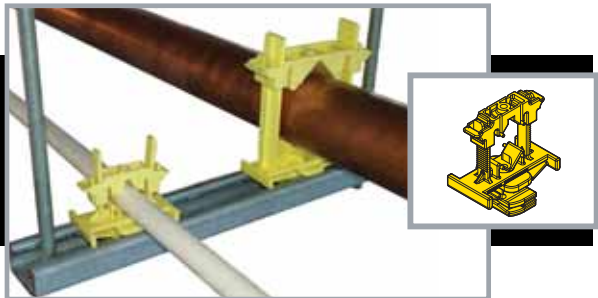
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 250-S | 2-3/8" X 2-5/8" | 3/8" to 1" CTS | 50 |
| 280-S | 4-3/8" X 5-1/8" | 1" to 2" CTS/IPS | 50 |



HOLDRITE® VARIABLE STRUT CLAMP – #257, #287, #257-P, #287-P

- Ideal for securing Copper, PEX, CPVC, and other piping directly to strut/channel
- #257-P, #287-P include sound-rated/isolation pads to reduce noise & vibration
- No tools required and eliminates need for over 20 strut clamp SKUs
- Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds
- Fire retardant framework meets requirements of UL 94 V-2 rating

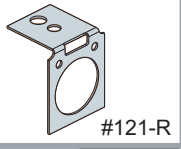
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 257 | 2-1/2" x 2-7/8" | 3/8" - 1" CTS | 50 |
| 257-P | 2-1/2" x 2-7/8" | 3/8" - 1" CTS | 50 |
| 287 | 3-1/2" x 4-7/8" | 1" - 2" CTS/IPS | 50 |
| 287-P | 3-1/2" x 4-7/8" | 1" - 2" CTS/IPS | 50 |



HOLDRITE® VARIABLE STRUT CLAMP – #257-S, #287-S

- Ideal for securing Copper, PEX, CPVC, and other piping directly to strut/channel
- No tools required and eliminates need for over 20 strut clamp SKUs
- Supports 3/8" to 2" tubing/piping with load rating of up to 300 pounds
- Provides dissimilar metal isolation
- Meets requirements of UL 94 V-0 and ASTM E84 25/50 ratings

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-----------------|------------------|---------|
| 257-S | 2-1/2" x 2-7/8" | 3/8" - 1" CTS | 50 |
| 287-S | 3-1/2" x 4-7/8" | 1" - 2" CTS/IPS | 50 |



#121-R



#121-W

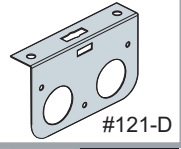


#121-RLS

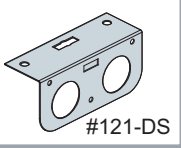
HOLDRITE® – #121-R, #121-W, #121-RLS

- Ideal for single pipe run applications including Copper, CPVC, and PEX
- #121-R provides 1-1/4" centerline distance from structure
- #121-W provides a 2" centerline distance from structure
- #121-RLS provides 3" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

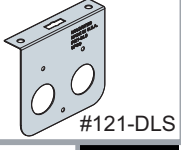
| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-R | 2" X 1-3/4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |
| 121-W | 3" X 1-3/4" X 3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-RLS | 4-1/2" x 2-5/8" x 1" | 1/2", 3/4", 1" CTS | 50 |



#121-D



#121-DS

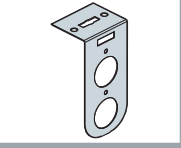
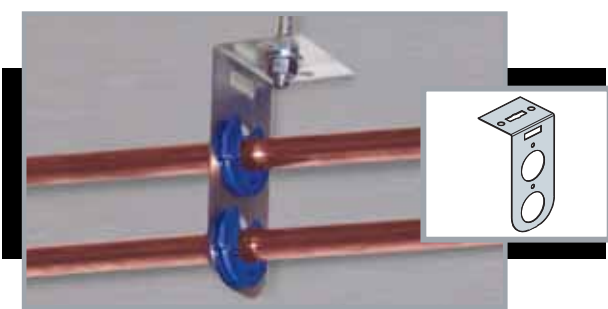


#121-DLS

HOLDRITE® – #121-D, #121-DS, #121-DLS

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- #121-D provides 2" centerline distance from structure
- #121-DS provides 1-1/4" centerline distance from structure
- #121-DLS provides 3" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|---------|----------------------|--------------------|---------|
| 121-D | 5" X 3" X 1" | 1/2", 3/4", 1" CTS | 25 |
| 121-DS | 5" x 2-1/4" x 1-3/4" | 1/2", 3/4", 1" CTS | 25 |
| 121-DLS | 5" x 4-1/2" x 1" | 1/2", 3/4", 1" CTS | 25 |

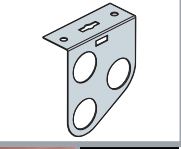


#121-L

HOLDRITE® – #121-L

- Ideal for dual pipe run applications including Copper, CPVC, and PEX
- Provides 2" and 4" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

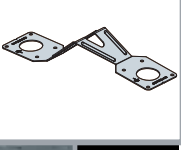
| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|------------------|--------------------|---------|
| 121-L | 5" X 2-1/2" X 2" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® – #121-O

- Ideal for three pipe run applications including Copper, CPVC, and PEX (example: Hot, Cold and Recirc.)
- Provides 1-1/4", 2-3/8", 3-1/2" centerline distance from structure
- Galvanized steel bracket attaches directly to flat surface or suspends from 3/8" all-thread rod, providing any desired height
- Bracket can be cast into concrete slab, then bent into position
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|----------------------|--------------------|---------|
| 121-O | 4-1/2" X 4" X 1-1/2" | 1/2", 3/4", 1" CTS | 25 |



HOLDRITE® HANGOVER – #125-D

- Cast-in-place concrete hanger bracket for horizontal support
- Galvanized steel bracket with 1-1/4", 2", 4" centerline distance from structure
- Meets MSS-SP-58 load requirements (150 lb. load rating)
- Compatible with HOLDRITE #400 series and #261/#262 inserts

| Model# | Size | For Pipe Size(s) | Box Qty |
|--------|-------------|--------------------|---------|
| 125-D | 9-5/8" x 5" | 1/2", 3/4", 1" CTS | 50 |



HOLDRITE® SWIVEL LOOP HANGERS – #300 - #310

- Ideal for dissimilar metal isolation and noise & vibration isolation
- Galvanized steel loop hanger with 3/8" swivel nut and rubber liner
- Conforms with Federal Specification WW-H-171 (Type 10), Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 10)

| Model# | For Pipe Size(s) | | Box Qty |
|--------|------------------|----------|---------|
| | IPS Size | CTS Size | |
| 300 | n/a | 1/2" | 100 |
| 301 | 1/2" | 3/4" | 100 |
| 302 | 3/4" | 1" | 100 |
| 303 | 1" | 1-1/4" | 100 |
| 304 | 1-1/4" - 1-1/2" | 1-1/2" | 100 |
| 306 | 2" | 2" | 100 |
| 307 | 2-1/2" | 2-1/2" | 50 |
| 308 | 3" | 3" | 50 |
| 310 | 4" | 4" | 25 |



HOLDRITE® J-HANGERS – #320 - #330

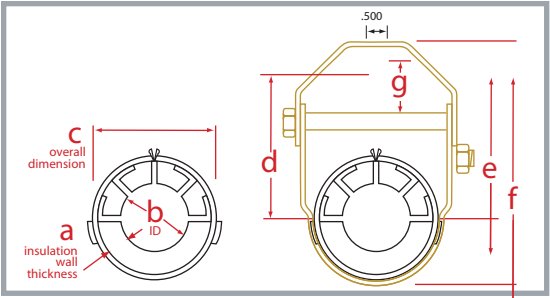
- Ideal for dissimilar metal isolation and noise & vibration isolation
- Galvanized steel J-hanger with rubber liner
- Conforms with Manufacturers Standardization Society (MSS) SP-58 and SP-69 (Type 5)

| Model# | For Pipe Size(s) | | Box Qty |
|--------|------------------|----------|---------|
| | IPS Size | CTS Size | |
| 320 | n/a | 1/2" | 50 |
| 321 | 1/2" | 3/4" | 50 |
| 322 | 3/4" | 1" | 50 |
| 323 | 1" | 1-1/4" | 50 |
| 324 | 1-1/4" | 1-1/2" | 50 |
| 325 | 1-1/2" | 2" | 50 |
| 326 | 2" | 2-1/2" | 50 |
| 327 | 2-1/2" | 3" | 25 |
| 328 | 3" | n/a | 25 |
| 330 | 4" | 4" | 25 |



HOLDRITE® CLEVIS HANGER

- Mounts directly to suspended hanger rod
- Meets the 25/50 flame spread/smoke developed index
- Ideal for overhead insulated pipe



| MODEL# | Wall Installation | Pipe O.D. | Overall Dimension | | | | | Box Qty |
|-----------|-------------------|-----------|-------------------|---------|---------|--------|---------|---------|
| | a | b | c | d | e | f | g | |
| HR 704062 | 1/2" | 5/8" | 1.75 | 2-3/4 | 3-3/8 | 4-3/8 | 7/8 | 10 |
| HR 704087 | 1/2" | 7/8" | 2.00 | 2-3/4 | 3-1/2 | 4-3/8 | 7/8 | 10 |
| HR 704112 | 1/2" | 1-1/8" | 2.25 | 3-3/16 | 3-13/16 | 5 | 15/16 | 10 |
| HR 704137 | 1/2" | 1-3/8" | 2.50 | 3-1/2 | 4 | 5-1/2 | 1-1/16 | 10 |
| HR 704162 | 1/2" | 1-5/8" | 2.75 | 3-3/4 | 4-3/8 | 5-7/8 | 1-1/4 | 10 |
| HR 704212 | 1/2" | 2-1/8" | 3.25 | 4-1/2 | 5-1/8 | 6-7/8 | 1-7/16 | 10 |
| HR 704262 | 1/2" | 2-5/8" | 3.75 | 5 | 5-5/8 | 7-5/8 | 1-11/16 | 10 |
| HR 704312 | 1/2" | 3-1/8" | 4.25 | 5-13/16 | 6-7/16 | 8-3/4 | 2-1/8 | 5 |
| HR 704412 | 1/2" | 4-1/8" | 5.25 | 6-7/8 | 7-1/2 | 10-1/8 | 2-9/16 | 5 |
| HR 708062 | 1" | 5/8" | 2.75 | 3-3/4 | 4-3/8 | 5-7/8 | 1-1/4 | 10 |
| HR 708087 | 1" | 7/8" | 3.00 | 4-3/16 | 4-3/4 | 6-1/2 | 1-5/16 | 10 |
| HR 708112 | 1" | 1-1/8" | 3.75 | 4-1/2 | 5-1/8 | 6-7/8 | 1-7/16 | 10 |
| HR 708137 | 1" | 1-3/8" | 3.50 | 4-3/4 | 5-3/8 | 7-1/4 | 1-9/16 | 10 |
| HR 708162 | 1" | 1-5/8" | 3.75 | 5 | 5-5/8 | 7-5/8 | 1-11/16 | 10 |
| HR 708212 | 1" | 2-1/8" | 4.25 | 5-13/16 | 6-7/16 | 8-3/4 | 2-1/8 | 5 |
| HR 708262 | 1" | 2-5/8" | 4.75 | 6-5/16 | 6-7/8 | 9-3/8 | 2-5/16 | 5 |
| HR 708312 | 1" | 3-1/8" | 5.25 | 6-7/8 | 7-1/2 | 10-1/8 | 2-9/16 | 5 |

ENGINEERED SOLUTION

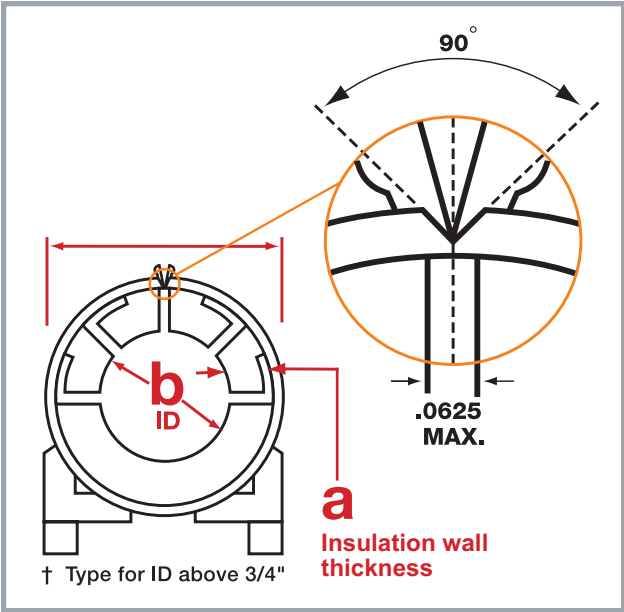


Makeshift Method

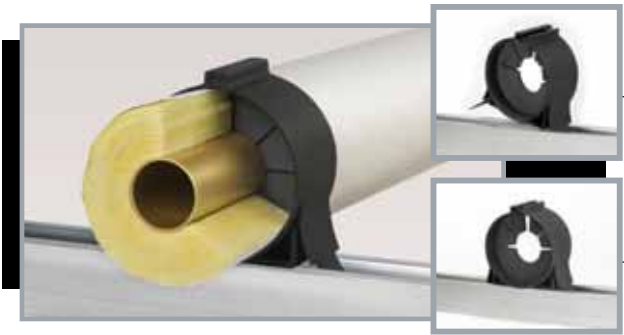


HOLDRITE® STEEL STRUT CLAMP

- Mounts directly to strut
- Meets the 25/50 flame spread/smoke developed index
- Ideal for insulated pipe on strut



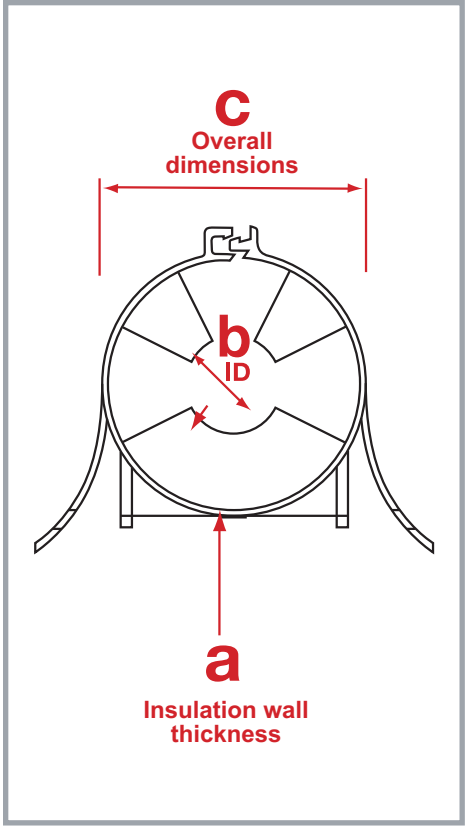
| MODEL# | Wall Installation | Pipe O.D. | Overall Dimension | Box Qty |
|-----------|-------------------|-----------|-------------------|---------|
| | a | b | c | |
| HR 724062 | 1/2" | 5/8" | 1.75 | 20 |
| HR 724087 | 1/2" | 7/8" | 2.00 | 20 |
| HR 724112 | 1/2" | 1-1/8" | 2.25 | 20 |
| HR 724137 | 1/2" | 1-3/8" | 2.50 | 20 |
| HR 724162 | 1/2" | 1-5/8" | 2.75 | 10 |
| HR 724212 | 1/2" | 2-1/8" | 3.25 | 10 |
| HR 724262 | 1/2" | 2-5/8" | 3.75 | 10 |
| HR 724312 | 1/2" | 3-1/8" | 4.25 | 10 |
| HR 724412 | 1/2" | 4-1/8" | 5.25 | 10 |
| HR 726062 | 3/4" | 5/8" | 2.25 | 10 |
| HR 726087 | 3/4" | 7/8" | 2.50 | 10 |
| HR 726112 | 3/4" | 1-1/8" | 2.75 | 10 |
| HR 726137 | 3/4" | 1-3/8" | 3.00 | 10 |
| HR 726162 | 3/4" | 1-5/8" | 3.25 | 10 |
| HR 726212 | 3/4" | 2-1/8" | 3.75 | 10 |
| HR 726262 | 3/4" | 2-5/8" | 4.25 | 10 |
| HR 726312 | 3/4" | 3-1/8" | 4.75 | 10 |
| HR 726362 | 3/4" | 3-5/8" | 5.25 | 10 |
| HR 726412 | 3/4" | 4-1/8" | 5.75 | 10 |
| HR 728062 | 1" | 5/8" | 2.75 | 10 |
| HR 728087 | 1" | 7/8" | 3.00 | 10 |
| HR 728112 | 1" | 1-1/8" | 3.25 | 10 |
| HR 728137 | 1" | 1-3/8" | 3.50 | 10 |
| HR 728162 | 1" | 1-5/8" | 3.75 | 10 |
| HR 728212 | 1" | 2-1/8" | 4.25 | 10 |
| HR 728262 | 1" | 2-5/8" | 4.75 | 10 |
| HR 728312 | 1" | 3-1/8" | 5.25 | 10 |
| HR 728412 | 1" | 4-1/8" | 6.25 | 10 |



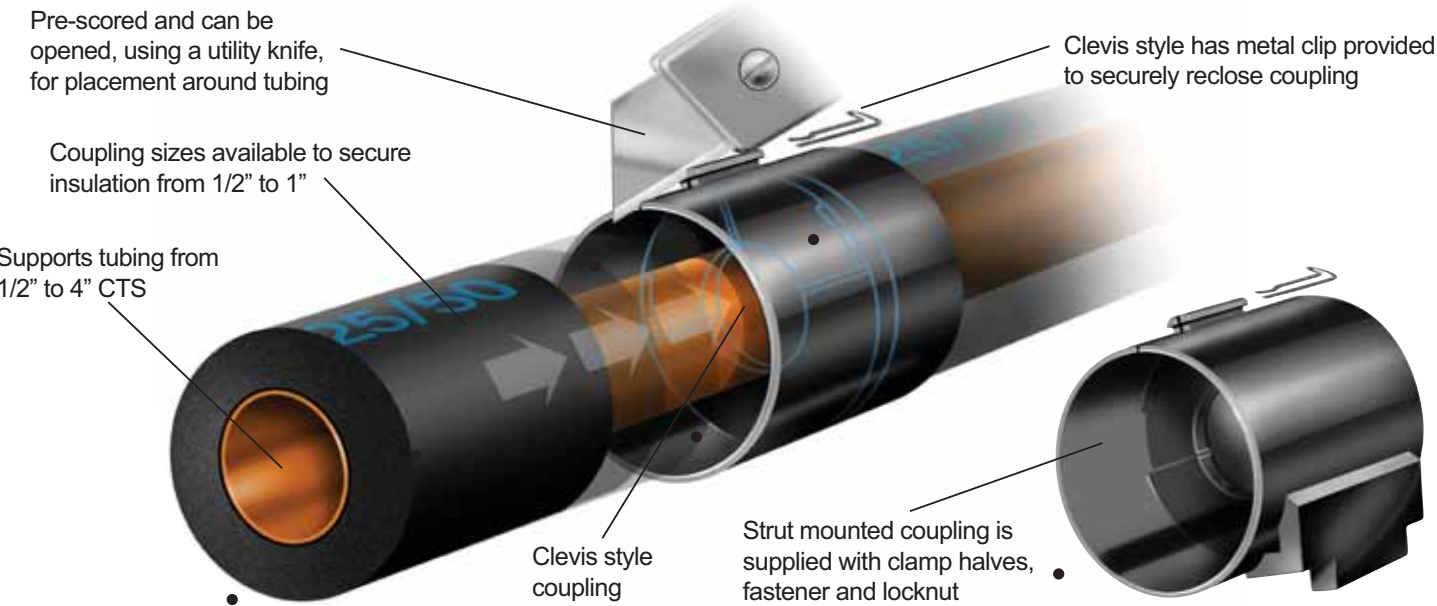
HOLDRITE® PLASTIC STRUT CLAMP

- Mounts directly to strut
- Meets UL 2043 for Plenum use
- Ideal for insulated pipe on strut

| MODEL# | Wall Installation <i>a</i> | Pipe O.D. <i>b</i> | Overall Dimension <i>c</i> | Box Qty |
|-----------|-------------------------------|-----------------------|-------------------------------|---------|
| HR 824062 | 1/2" | 5/8" | 1.75 | 20 |
| HR 824087 | 1/2" | 7/8" | 2.00 | 20 |
| HR 824112 | 1/2" | 1-1/8" | 2.25 | 20 |
| HR 824137 | 1/2" | 1-3/8" | 2.50 | 20 |
| HR 824162 | 1/2" | 1-5/8" | 2.75 | 10 |
| HR 824212 | 1/2" | 2-1/8" | 3.25 | 10 |
| HR 828087 | 1" | 7/8" | 3.00 | 10 |
| HR 828112 | 1" | 1-1/8" | 3.25 | 10 |
| HR 828137 | 1" | 1-3/8" | 3.50 | 10 |
| HR 828162 | 1" | 1-5/8" | 3.75 | 10 |
| HR 828212 | 1" | 2-1/8" | 4.25 | 10 |
| HR 828262 | 1" | 2-5/8" | 4.75 | 10 |





HOLDRITE® Strut Clamp Features



Quick Brands

WATER HEATER ACCESSORIES AND EQUIPMENT SUPPORT SOLUTIONS



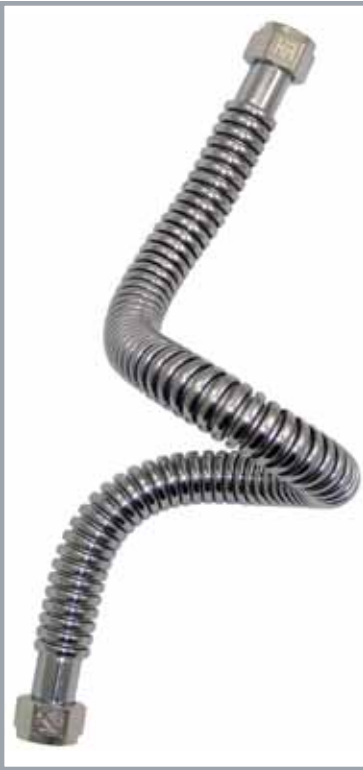
|  | |  |  |  |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| MODEL | IAPMO LISTED | CITY OF L.A. APPROVED | CALIFORNIA ACCEPTED | |
| QUICK STRAP-50 | ✓ | ✓ | ✓ | |
| QUICK STRAP-50-D | ✓ | ✓ | ✓ | |
| QUICK BELT-50-F | ✓ | ✓ | ✓ | |
| QUICK STRAP-50-P | ✓ | ✓ | ✓ | |
| QUICK STRAP-120 | ✓ | ✓ | ✓ | |

Most Tested and Recognized Water Heater Bracing and Support Systems

Lab Tested

Meets Codes

Superior Engineered Design



QUICK FLEX™

- Stainless Steel Water Heater Flex Connector
- High flexibility
- 125 PSI Continuous / 200 PSI Max
- 190°F temperature rated
- IAPMO Listed and meets ASME A112.18.6
- Large ID for high flow rate
- Extremely resistant to kinking
- Complies with California Lead Law
- Also for use with other water supplied equipment

| MODEL# | DESCRIPTION | BOX QTY |
|-----------|----------------------------------------------------------------------|---------|
| QFC-7515 | 3/4" FIP x 3/4" FIP x 15" Stainless Steel Water Heater Connector | 35 |
| QFC-7518 | 3/4" FIP x 3/4" FIP x 18" Stainless Steel Water Heater Connector | 35 |
| QFC-7524 | 3/4" FIP x 3/4" FIP x 24" Stainless Steel Water Heater Connector | 35 |
| QFC-17518 | 1" FIP x 3/4" FIP x 18 Stainless Steel Water Heater Connector | 30 |
| QFC-17524 | 1" FIP x 3/4" FIP x 24 Stainless Steel Water Heater Connector | 30 |
| QFC-0118 | 1" FIP x 1" FIP x 18" Stainless Steel Water Heater Connector | 25 |
| QFC-0124 | 1" FIP x 1" FIP x 24" Stainless Steel Water Heater Connector | 25 |
| QFC-11418 | 1-1/4" FIP x 1-1/4" FIP x 18" Stainless Steel Water Heater Connector | 12 |
| QFC-11218 | 1-1/2" FIP x 1-1/2" FIP x 18" Stainless Steel Water Heater Connector | 10 |
| QFC-0218 | 2" FIP x 2" FIP x 18" Stainless Steel Water Heater Connector | 9 |



QUICK PAN™

- Meets Code Requirements
- Rolled edges for added strength and safety
- Aluminum pan with 1" PVC or CPVC drain fitting (Add "-C" to model number for the 1" CPVC drain fitting)
- Use with gas or electric water heaters
- Now available with a compact dual-use 1" Bulkhead Fitting, allowing use of 3/4" or 1" drain piping

| MODEL# | DESCRIPTION | BOX QTY |
|--------|--------------------------------------------------|---------|
| QP-20 | 20" Aluminum Water Heater Pan with drain fitting | 6 |
| QP-22 | 22" Aluminum Water Heater Pan with drain fitting | 6 |
| QP-24 | 24" Aluminum Water Heater Pan with drain fitting | 6 |
| QP-26 | 26" Aluminum Water Heater Pan with drain fitting | 6 |
| QP-28 | 28" Aluminum Water Heater Pan with drain fitting | 6 |
| QP-30 | 30" Aluminum Water Heater Pan with drain fitting | 6 |

"-C" models include CPVC drain body, rather than PVC

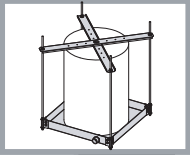


QUICK SHED™

- Superior engineered design
- Meets code requirements
- Galvanized steel construction
- Protects outside water heater from weather and tampering
- Provides neat and orderly appearance
- Move your water heater outside to increase indoor storage space
- Easy assembly with basic tools
- Screws provide secure installation
- Superior front panel design provides access door for service and combustion air
- Air space crush zone packaging protects corners and transfers weight evenly across product during transportation

| MODEL# | DESCRIPTION | BOX QTY |
|--------|--------------------------------------|---------|
| QS-E24 | 24" Shed Enclosure (24" x 74" x 24") | 1 |
| QS-E26 | 26" Shed Enclosure (26" x 74" x 26") | 1 |
| QS-E30 | 30" Shed Enclosure (30" x 74" x 30") | 1 |

These **engineered platforms** are strong, safe, easy to install, water-tight and eliminate the need to buy a separate drain pan



QUICK STAND™ – #40-SWHP, #50-SWHP

- CEILING MOUNT
- Cross Braces for seismic requirements
- 1" PVC drain fitting (MIP/Socket)
- #40-SWHP supports up to 20 gallon water heaters or 375 lbs.
- #50-SWHP supports up to 50 gallon water heaters or 600 lbs.

| Model# | Drain Pan Size | Box Qty | Pallet Qty |
|---------|-------------------|---------|------------|
| 40-SWHP | 21-1/4" x 21-1/4" | 1 | 10 |
| 50-SWHP | 26-1/2" x 26-1/2" | 1 | 10 |



QUICK STAND™ – #40-SWHP-A, #50-SWHP-A

- CEILING MOUNT
- No Cross Braces
- 1" PVC drain fitting (MIP/Socket)
- #40-SWHP-A supports up to 20 gallon water heaters or 375 lbs.
- #50-SWHP-A support up to 50 gallon water heaters or 600 lbs.

| Model# | Drain Pan Size | Box Qty | Pallet Qty |
|-----------|-------------------|---------|------------|
| 40-SWHP-A | 21-1/4" x 21-1/4" | 1 | 10 |
| 50-SWHP-A | 26-1/2" x 26-1/2" | 1 | 10 |



QUICK STAND™ – #30-SWHP-M, #40-SWHP-M, #50-SWHP-M

- CEILING MOUNT
- No Cross Braces
- 1" Welded Galvanized Steel drain fitting (#30-SWHP-M has a 1-1/4" drain fitting)
- #30-SWHP-M supports up to 20 gallon water heaters or 300 lbs.
- #40-SWHP-M supports up to 20 gallon water heaters or 375 lbs.
- #50-SWHP-M support up to 50 gallon water heaters or 600 lbs.

| Model# | Drain Pan Size | Box Qty | Pallet Qty |
|-----------|----------------------------|---------|------------|
| 30-SWHP-M | 24" x 24" x 4" | 1 | 10 |
| 40-SWHP-M | 21-1/4" x 21-1/4" x 2-1/2" | 1 | 10 |
| 50-SWHP-M | 26-1/2" x 26-1/2" x 2-1/2" | 1 | 10 |



QUICK STAND™ – #40-SWHP-W, #50-SWHP-W

- WALL MOUNT
- 1" PVC drain fitting (MIP/Socket)
- #40-SWHP-W supports up to 20 gallon water heaters or 375 lbs.
- #50-SWHP-W support up to 50 gallon water heaters or 600 lbs.
- Includes 6 brackets, 2 support arms and connection hardware

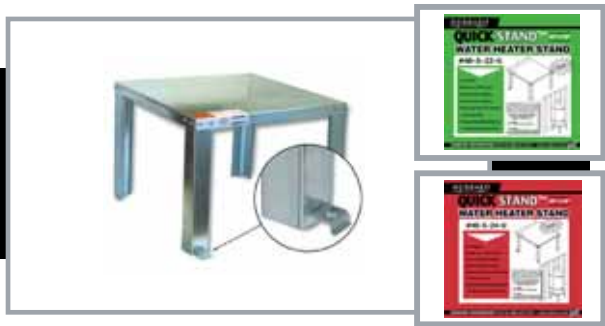
| Model# | Drain Pan Size | Box Qty | Pallet Qty |
|-----------|-------------------|---------|------------|
| 40-SWHP-W | 21-1/4" x 21-1/4" | 1 | 10 |
| 50-SWHP-W | 26-1/2" x 26-1/2" | 1 | 10 |



QUICK STAND™ – #40-SWHP-WM, #50-SWHP-WM

- WALL MOUNT
- 1" Welded Galvanized Steel drain fitting
- #40-SWHP-WM supports up to 20 gallon water heaters or 375 lbs.
- #50-SWHP-WM supports up to 50 gallon water heaters or 600 lbs.

| Model# | Drain Pan Size | Box Qty | Pallet Qty |
|------------|-------------------|---------|------------|
| 40-SWHP-WM | 21-1/4" x 21-1/4" | 1 | 10 |
| 50-SWHP-WM | 26-1/2" x 26-1/2" | 1 | 10 |



QUICK STAND™ – #40-S-22-U, #40-S-22-A, #40-S-24-U, #40-S-24-A, #40-S-30-U

- Water heater stand, both assembled and unassembled
- Galvanized steel construction
- “-U” models are unassembled, “-A” models are pre-assembled

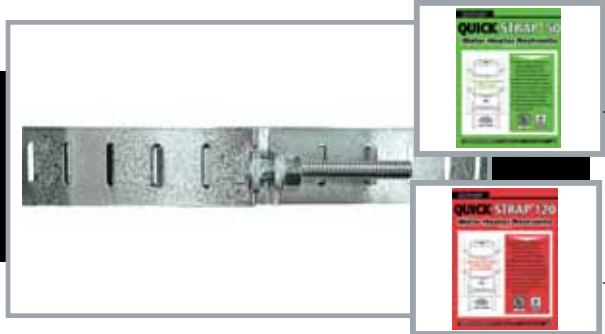
| Model# | Size | Box Qty | Pallet Qty |
|-----------|-----------------------------|---------|------------|
| 40-S-22-U | Up to 52 gal. / 650 lbs. | 1 | 24 |
| 40-S-22-A | Up to 52 gal. / 650 lbs. | 1 | 24 |
| 40-S-24-U | Up to 100 gal. / 1,200 lbs. | 1 | 18 |
| 40-S-24-A | Up to 100 gal. / 1,200 lbs. | 1 | 18 |
| 40-S-30-U | Up to 100 gals / 1,200 lbs. | 1 | 12 |



QUICK STRAP® DELUXE – #QS-50-D

- The most tested and recognized water heater restraint
- Powder-coated steel water heater strap kit with (2) safety caps
- Supports up to 80 gallon water heaters
- Customized label available with your company name
- Includes self-drilling wall anchor hardware

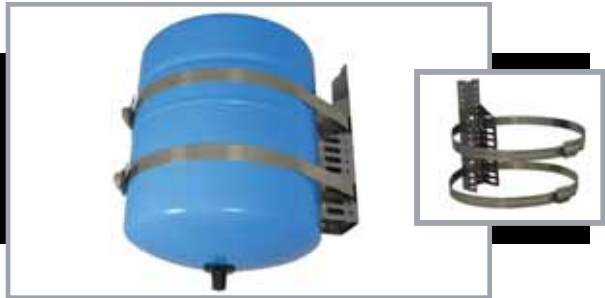
| Model# | Size | Box Qty | Pallet Qty |
|---------|---------------|---------|------------|
| QS-50-D | Up to 80 gal. | 15 | 120 |



QUICK STRAP® – #QS-50, #QS-50-S, #QS-50-P, #QS-120

- The most tested and recognized water heater restraint
- Galvanized water heater strap kit in box
- Supports up to 120 gallon water heaters
- #QS-50-S includes 1” wall spacer
- Includes self-drilling wall anchor hardware

| Model# | Size | Qty | Pallet Qty |
|---------|----------------|--------|------------|
| QS-50 | Up to 80 gal. | 15/Box | 120 |
| QS-50-S | Up to 80 gal. | 15/Box | 120 |
| QS-50-P | Up to 80 gal. | 15/Bag | 180 |
| QS-120 | Up to 120 gal. | 12/Box | 60 |



QUICK STRAP® – #QS-5, #QS-12

- Thermal expansion tank mounting bracket
- Secures to wall and takes weight load off pipes
- Galvanized and stainless steel construction
- Available for 2-5 gallon units
- Includes bracket, support straps, and mounting screws

| Model# | Size | Box Qty | Pallet Qty |
|--------|------------------------------------|---------|------------|
| QS-5 | Up to 2.5 gal; Up to 9” diameter | 15 | 120 |
| QS-12 | 2.5 to 5 gal; 9.5” to 13” diameter | 15 | 120 |



QUICK BELT® – #QB-50-F

- The most tested and recognized water heater restraint
- Soft-belt style water heater strap kit
- #QB-50-F supports up to 80 gallon water heaters
- Includes self-drilling wall anchor hardware

| Model# | Size | Box Qty | Pallet Qty |
|---------|---------------|---------|------------|
| QB-50-F | Up to 80 gal. | 20 | 120 |

HOLDRITE® HydroFlame™

The Ultimate Cast-in-Place Water, Smoke and Fire Stop Solution



Provides Superior Waterproofing and Firestopping Capabilities

Meets and Exceeds Building Code Requirements

Achieves UL Ratings

Easy Installation



Safeguard property from water damage and mold



Protect life against the dangers of fire, gas and smoke spread



Natural disasters, such as hurricanes and other storms, may cause schedule delays and water damage to buildings under construction. Excessive rain often causes costly water damage to ceilings, walls and floors, if water is allowed to leak through floors during construction.

Water damage may cause significant health concerns and spawn lawsuits regarding mold issues. Failure of water lines, leaking water heaters, overflowing dishwashers, toilets and sinks, or misuse of other appliances may result in unwanted water intrusion that results in significant insurance claims in occupied buildings. More property claims are paid out due to water damage than fire damage.



Most buildings are designed to house data communication networks and computer equipment. Such hi-tech investments are critical to corporations, healthcare facilities, military installations, government infrastructure and universities. **HOLDRITE® HydroFlame™** protects these high value assets from unwanted destruction due to water, as well as fire and smoke.



A comprehensive collection of Product Data for all **HOLDRITE® HydroFlame™** products is available in the **HOLDRITE® HydroFlame™ Product Catalog**. Visit our website for more information.

HOLDRITE® HydroFlame™ is the ultimate cast-in-place water, smoke and fire stop system. HydroFlame's internal and external water seals offer double protection against unwanted water intrusion. Its patented mid-body seal allows for contraction and expansion of piping systems and the surrounding concrete floor slab while still protecting against the spread of water, fire, smoke and gas.



Commonly observed field devised methods may result in providing a dangerous pathway for water, smoke, gas or fire.

Damage from this hotel fire was contained to the upper floors, but water damage destroyed walls, ceilings, floors, furniture, rugs, artwork, restaurants and stores all the way down to the lower floors.



Product configuration (flat form deck sleeve)



Easy installation



- HOLDRITE® HydroFlame™ – Flat Form Deck Sleeve**
- Mid-body seal provides watertight penetration
 - UL Classified firestop device (2 or 3-hour F-ratings)
 - Built-in water, fire, smoke and gas protection
 - Custom cut to your specified height at no extra cost
 - Turn-key installation - no job site modifications required
 - Reduced time to dry floors and finish building during construction
 - Includes OSHA compliant safety cap/hole cover
 - Allows for expansion, contraction and movement
 - Available 4½" and taller for ½"-6" piping
 - Reduces piping system noise transfer by maintaining annular spacing

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|---------------------------------------------------------|-----------|-------------------|
| PS-NP-0050 | PVC, ccPVC, RNC & ABS | .840" | 1/2" |
| PS-NP-0075 | PVC, ccPVC, RNC & ABS | 1.050" | 3/4" |
| PS-NP-0100 | PVC, ccPVC, RNC & ABS | 1.315" | 1" |
| PS-NP-0125 | PVC, ccPVC, RNC & ABS | 1.660" | 1-1/4" |
| PS-NP-0150 | PVC, ccPVC, RNC & ABS | 1.900" | 1-1/2" |
| PS-NP-0200 | PVC, ccPVC, RNC & ABS | 2.375" | 2" |
| PS-NP-0250 | PVC, ccPVC, RNC & ABS | 2.875" | 2-1/2" |
| PS-NP-0300 | PVC, ccPVC, RNC & ABS | 3.50" | 3" |
| PS-NP-0400 | PVC, ccPVC, RNC & ABS | 4.5" | 4" |
| PS-NP-0600 | PVC, ccPVC, RNC & ABS | 6.625" | 6" |
| PS-CP-0050 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | .625" | 1/2" |
| PS-CP-0075 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 0.875" | 3/4" |
| PS-CP-0100 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.125" | 1" |
| PS-CP-0125 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.375" | 1-1/4" |
| PS-CP-0150 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.625" | 1-1/2" |
| PS-CP-0200 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 2.125" | 2" |
| PS-CN-0050 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | .840" | 1/2" |
| PS-CN-0075 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.050" | 3/4" |
| PS-CN-0100 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.315" | 1" |
| PS-CN-0125 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.660" | 1-1/4" |
| PS-CN-0150 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.900" | 1-1/2" |
| PS-CN-0200 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.375" | 2" |
| PS-CN-0250 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.875" | 2-1/2" |
| PS-CN-0300 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 3.50" | 3" |
| PS-CN-0400 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 4.5" | 4" |
| PS-CN-0600 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 6.625" | 6" |
| PS-CT-0050 | Copper | .625" | 1/2" |
| PS-CT-0075 | Copper | 0.875" | 3/4" |
| PS-CT-0100 | Copper | 1.125" | 1" |
| PS-CT-0125 | Copper | 1.375" | 1-1/4" |
| PS-CT-0150 | Copper | 1.625" | 1-1/2" |
| PS-CT-0200 | Copper | 2.125" | 2" |
| PS-CT-0250 | Copper | 2.625" | 2-1/2" |
| PS-CT-0300 | Copper | 3.125" | 3" |
| PS-CT-0400 | Copper | 4.125" | 4" |
| PS-CT-0600 | Copper | 6.125" | 6" |
| PS-CH-0200 | Cast Iron - Extra Heavy | 2.38" | 2" |

HOLDRITE® HydroFlame™ – Flat Form Deck Sleeve continued

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|----------------------------|-----------|-------------------|
| PS-CH-0300 | Cast Iron - Extra Heavy | 3.50" | 3" |
| PS-CH-0400 | Cast Iron - Extra Heavy | 4.50" | 4" |
| PS-CI-0150 | Cast Iron - Service Weight | 1.90" | 1-1/2" |
| PS-CI-0200 | Cast Iron - Service Weight | 2.30" | 2" |
| PS-CI-0300 | Cast Iron - Service Weight | 3.30" | 3" |
| PS-CI-0400 | Cast Iron - Service Weight | 4.30" | 4" |
| PS-CI-0600 | Cast Iron - Service Weight | 6.30" | 6" |
| PS-CX-0150 | Cast Iron - Hubless | 1.90" | 1-1/2" |
| PS-CX-0200 | Cast Iron - Hubless | 2.35" | 2" |
| PS-CX-0300 | Cast Iron - Hubless | 3.35" | 3" |
| PS-CX-0400 | Cast Iron - Hubless | 4.38" | 4" |
| PS-CX-0500 | Cast Iron - Hubless | 5.30" | 5" |
| PS-CX-0600 | Cast Iron - Hubless | 6.30" | 6" |
| PS-ST-0050 | Steel | .840" | 1/2" |
| PS-ST-0075 | Steel | 1.050" | 3/4" |
| PS-ST-0100 | Steel | 1.315" | 1" |
| PS-ST-0125 | Steel | 1.660" | 1-1/4" |
| PS-ST-0150 | Steel | 1.900" | 1-1/2" |
| PS-ST-0200 | Steel | 2.375" | 2" |
| PS-ST-0250 | Steel | 2.875" | 2-1/2" |
| PS-ST-0300 | Steel | 3.50" | 3" |
| PS-ST-0400 | Steel | 4.5" | 4" |
| PS-ST-0600 | Steel | 6.625" | 6" |
| PS-ET-0050 | EMT | 0.706" | 1/2" |
| PS-ET-0075 | EMT | 0.922" | 3/4" |
| PS-ET-0100 | EMT | 1.163" | 1" |
| PS-ET-0125 | EMT | 1.51" | 1-1/4" |
| PS-ET-0150 | EMT | 1.74" | 1-1/2" |
| PS-ET-0200 | EMT | 2.197" | 2" |
| PS-ET-0250 | EMT | 2.875" | 2-1/2" |
| PS-ET-0300 | EMT | 3.5" | 3" |
| PS-ET-0400 | EMT | 4.5" | 4" |

Suffix "-W" added to the model number provides for a water dam

HOLDRITE® HydroFlame™ products are **Made in the USA** and meet the **Buy American Act**. These iconic solutions are ideal for government and military projects.



HOLDRITE® HydroFlame™ – Corrugated Metal Form Deck Sleeve

- Mid-body seal provides watertight penetration
- UL Classified firestop device
- One-piece construction - No parts, pieces or field modifications necessary
- Built-in water, fire, smoke and gas protection
- Custom cut to your specified height at no extra cost
- Reduced time to dry floors and finish building
- Includes OSHA compliant safety cap/hole cover
- Allows for expansion, contraction and movement
- Available 2½" and taller for ½"-6" piping

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|---------------------------------------------------------|-----------|-------------------|
| CD-NP-0050 | PVC, ccPVC, RNC & ABS | .840" | 1/2" |
| CD-NP-0075 | PVC, ccPVC, RNC & ABS | 1.050" | 3/4" |
| CD-NP-0100 | PVC, ccPVC, RNC & ABS | 1.315" | 1" |
| CD-NP-0125 | PVC, ccPVC, RNC & ABS | 1.660" | 1-1/4" |
| CD-NP-0150 | PVC, ccPVC, RNC & ABS | 1.900" | 1-1/2" |
| CD-NP-0200 | PVC, ccPVC, RNC & ABS | 2.375" | 2" |
| CD-NP-0250 | PVC, ccPVC, RNC & ABS | 2.875" | 2-1/2" |
| CD-NP-0300 | PVC, ccPVC, RNC & ABS | 3.50" | 3" |
| CD-NP-0400 | PVC, ccPVC, RNC & ABS | 4.5" | 4" |
| CD-NP-0600 | PVC, ccPVC, RNC & ABS | 6.625" | 6" |
| CD-CP-0050 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | .625" | 1/2" |
| CD-CP-0075 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 0.875" | 3/4" |
| CD-CP-0100 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.125" | 1" |
| CD-CP-0125 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.375" | 1-1/4" |
| CD-CP-0150 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.625" | 1-1/2" |
| CD-CP-0200 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 2.125" | 2" |
| CD-CN-0050 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | .840" | 1/2" |
| CD-CN-0075 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.050" | 3/4" |
| CD-CN-0100 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.315" | 1" |
| CD-CN-0125 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.660" | 1-1/4" |
| CD-CN-0150 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.900" | 1-1/2" |
| CD-CN-0200 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.375" | 2" |
| CD-CN-0250 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.875" | 2-1/2" |
| CD-CN-0300 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 3.50" | 3" |
| CD-CN-0400 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 4.5" | 4" |
| CD-CN-0600 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 6.625" | 6" |
| CD-CT-0050 | Copper | .625" | 1/2" |
| CD-CT-0075 | Copper | 0.875" | 3/4" |
| CD-CT-0100 | Copper | 1.125" | 1" |
| CD-CT-0125 | Copper | 1.375" | 1-1/4" |
| CD-CT-0150 | Copper | 1.625" | 1-1/2" |
| CD-CT-0200 | Copper | 2.125" | 2" |
| CD-CT-0250 | Copper | 2.625" | 2-1/2" |
| CD-CT-0300 | Copper | 3.125" | 3" |
| CD-CT-0400 | Copper | 4.125" | 4" |
| CD-CT-0600 | Copper | 6.125" | 6" |
| CD-CH-0200 | Cast Iron - Extra Heavy | 2.38" | 2" |

HOLDRITE® HydroFlame™ –
Corrugated Metal Form Deck Sleeve continued

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|----------------------------|-----------|-------------------|
| CD-CH-0300 | Cast Iron - Extra Heavy | 3.50" | 3" |
| CD-CH-0400 | Cast Iron - Extra Heavy | 4.50" | 4" |
| CD-CI-0150 | Cast Iron - Service Weight | 1.90" | 1-1/2" |
| CD-CI-0200 | Cast Iron - Service Weight | 2.30" | 2" |
| CD-CI-0300 | Cast Iron - Service Weight | 3.30" | 3" |
| CD-CI-0400 | Cast Iron - Service Weight | 4.30" | 4" |
| CD-CI-0600 | Cast Iron - Service Weight | 6.30" | 6" |
| CD-CX-0150 | Cast Iron - Hubless | 1.90" | 1-1/2" |
| CD-CX-0200 | Cast Iron - Hubless | 2.35" | 2" |
| CD-CX-0300 | Cast Iron - Hubless | 3.35" | 3" |
| CD-CX-0400 | Cast Iron - Hubless | 4.38" | 4" |
| CD-CX-0500 | Cast Iron - Hubless | 5.30" | 5" |
| CD-CX-0600 | Cast Iron - Hubless | 6.30" | 6" |
| CD-ST-0050 | Steel | .840" | 1/2" |
| CD-ST-0075 | Steel | 1.050" | 3/4" |
| CD-ST-0100 | Steel | 1.315" | 1" |
| CD-ST-0125 | Steel | 1.660" | 1-1/4" |
| CD-ST-0150 | Steel | 1.900" | 1-1/2" |
| CD-ST-0200 | Steel | 2.375" | 2" |
| CD-ST-0250 | Steel | 2.875" | 2-1/2" |
| CD-ST-0300 | Steel | 3.50" | 3" |
| CD-ST-0400 | Steel | 4.5" | 4" |
| CD-ST-0600 | Steel | 6.625" | 6" |
| CD-ET-0050 | EMT | 0.706" | 1/2" |
| CD-ET-0075 | EMT | 0.922" | 3/4" |
| CD-ET-0100 | EMT | 1.163" | 1" |
| CD-ET-0125 | EMT | 1.51" | 1-1/4" |
| CD-ET-0150 | EMT | 1.74" | 1-1/2" |
| CD-ET-0200 | EMT | 2.197" | 2" |
| CD-ET-0250 | EMT | 2.875" | 2-1/2" |
| CD-ET-0300 | EMT | 3.5" | 3" |
| CD-ET-0400 | EMT | 4.5" | 4" |

Suffix "-W" added to the model number provides for a water dam

Check out the HOLDRITE® HydroFlame™
complete product catalog on our website at
www.holdrite.com/media/catalog



HOLDRITE® HydroFlame™ –
Tub Box

- Provides for a watertight slab penetration
- UL Classified firestop device
- Built-in water, fire, smoke and gas protection
- Strong and simple installation - No need for fire caulking or mineral wool
- Device accepts PVC, ABS, iron and brass drain pipes using the appropriate seal plug provided
- Allows for expansion, contraction and movement
- Reduced time to dry floors and finish building during construction

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|-------------------------------|-----------|-------------------|
| TB-NP-0200 | Sch.40 Bath Drains | N/A | 1-1/2" |
| TB-TW-0200 | Thin Wall & Brass Bath Drains | N/A | 1-1/2" |



HOLDRITE® HydroFlame™ –
Closet Flange Sleeve

- Mid-body seal provides watertight penetration
- UL Classified firestop device
- Strong and simple installation for 3" and 4" flanges
- Device accepts PVC, ABS or no-hub closet flanges
- Built-in water, fire, smoke and gas protection
- Reduced time to dry floors and finish building during construction

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|--------------|----------------------------|-----------|-------------------|
| PS-NPCF-0300 | PVC, ccPVC & ABS | 3.5" | 3" |
| PS-NPCF-0400 | PVC, ccPVC & ABS | 4.5" | 4" |
| PS-CICF-0300 | Cast Iron - Service Weight | 3.30" | 3" |
| PS-CICF-0400 | Cast Iron - Service Weight | 4.30" | 4" |
| PS-CXCF-0300 | Cast Iron - Hubless | 3.35" | 3" |
| PS-CXCF-0400 | Cast Iron - Hubless | 4.38" | 4" |



HOLDRITE® HydroFlame™ –
Shower Drain Sleeve

- UL Classified firestop device
- Built-in fire protection
- Provides a fast and strong drain support
- For use with 2" PVC Drains (Drain body not included)
- Reduced time to dry floors and finish building during construction

| Model No. | Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|------------------|-----------|-------------------|
| PS-SD-0200 | PVC, ccPVC & ABS | 2.375" | 2" |



HOLDRITE® HydroFlame™ – Floor Drain Kit

- Mid-body seal provides watertight penetration
- UL Classified firestop device
- Simple and strong drain support stand during concrete pour
- Available for 2", 3", and 4" Neo-lock style cast iron drain bodies (Drain not included)
- Reduced time to dry floors and finish building during construction

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|------------------------------------------------------------|-----------|-------------------|
| HM-DK-0200 | PVC, ccPVC, ABS & Cast Iron (Please specify when ordering) | N/A | 2" |
| HM-DK-0300 | PVC, ccPVC, ABS & Cast Iron (Please specify when ordering) | N/A | 3" |
| HM-DK-0400 | PVC, ccPVC, ABS & Cast Iron (Please specify when ordering) | N/A | 4" |



HOLDRITE® HydroFlame™ – Optional Pipe Size Sleeve

- UL Classified firestop device
- Interior mid-body seal provides water resistant penetration
- Built-in fire protection
- Custom cut to your specified height at no extra cost
- Each sleeve accepts a range of sizes 1/2"-6" piping, 1/2"-1", 1 1/4"-2", 2 1/2"-3", 4" or 5"-6"
- Includes OSHA compliant safety cap/hole cover
- Allows for movement and off-center piping
- Reduced time to dry floors and finish building

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|-------------|--------------------------------|---------------|-------------------|
| OPS-PL-0100 | 1/2 to 1 Inch Plastic Pipes | .625"-1.5" | 1" |
| OPS-PL-0200 | 1-1/4 to 2 Inch Plastic Pipes | 1.375"-2.5" | 2" |
| OPS-PL-0300 | 2-1/2 to 3 Inch Plastic Pipes | 2.625"-3.5" | 3" |
| OPS-PL-0400 | 4 Inch Plastic Pipes | 4.125"-4.5" | 4" |
| OPS-PL-0600 | 5 to 6 Inch Plastic Pipes | 5.125"-6.625" | 6" |
| OPS-MT-0100 | 1/2 to 1 Inch Metallic Pipes | .625"-1.5" | 1" |
| OPS-MT-0200 | 1-1/4 to 2 Inch Metallic Pipes | 1.375"-2.5" | 2" |
| OPS-MT-0300 | 2-1/2 to 3 Inch Metallic Pipes | 2.625"-3.5" | 3" |
| OPS-MT-0400 | 4 Inch Metallic Pipes | 4.125"-4.5" | 4" |
| OPS-MT-0600 | 5 to 6 Inch Metallic Pipes | 5.125"-6.625" | 6" |

Suffix "-W" added to the model number provides for a water dam



HOLDRITE® HydroFlame™ – Cable and "Line Set" Sleeve

- UL Classified firestop device
- Device accepts multiple Data, Phone, Electrical, Fiber cables and refrigeration line sets
- Custom cut to your specified height at no extra cost
- Includes OSHA compliant safety cap/hole cover

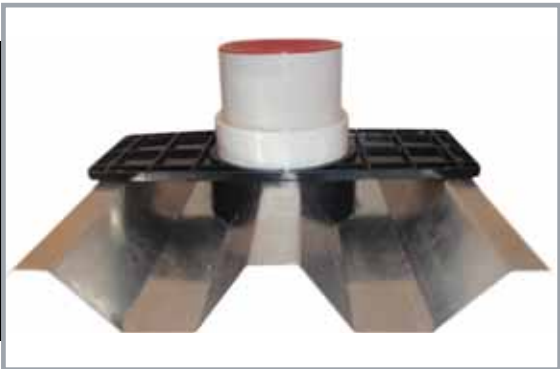
| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|--------------------------|-----------|-------------------|
| PS-LS-0300 | Line Sets | 3.75" | 3" |
| PS-CS-0200 | Cable Sets | 2.625" | 2" |
| PS-CS-0300 | Cable Sets | 3.75" | 3" |



HOLDRITE® HydroFlame™ – Wood Deck Concrete Sleeve (Sleeve Only)

- Fast, simple concrete sleeve for flat form decks
- Custom cut to your specified height at no extra cost
- Includes OSHA compliant safety cap/hole cover
- 1 1/4" - 8" sleeves available
- No field assembly required

| Model No. | Penetrating Pipe Type(s) | Sleeve I.D. | Nominal Sleeve Riser Size |
|-----------|--------------------------|-------------|---------------------------|
| WD-0125 | 1/4"-3/4" - All types | 1.53" | 1-1/4" |
| WD-0200 | 1/4"-1-1/4" - All types | 2.19" | 2" |
| WD-0300 | 1"-2" - All types | 3.33" | 3" |
| WD-0400 | 1-1/4"-3" - All types | 4.28" | 4" |
| WD-0500 | 2-1/2"-4" - All types | 5.22" | 5" |
| WD-0600 | 3"-5" - All types | 6.22" | 6" |
| WD-0800 | 4"-6" - All types | 8.21" | 8" |



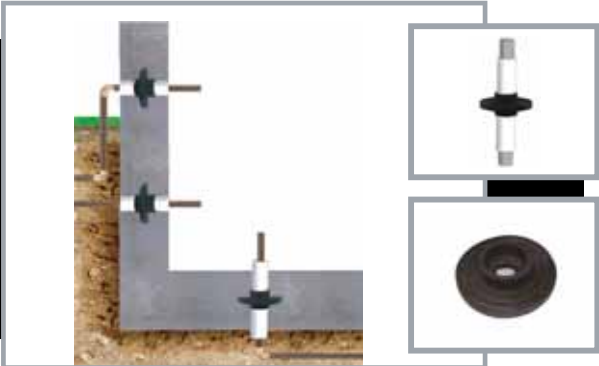
HOLDRITE® HydroFlame™ – Corrugated Deck Concrete Sleeve (Sleeve Only)

- Fast, simple concrete sleeve for corrugated decks
- Custom cut to your specified height at no extra cost
- Includes OSHA compliant safety cap/hole cover
- 1 1/4" - 8" sleeves available
- No field assembly required

| Model No. | Penetrating Pipe Type(s) | Sleeve I.D. | Nominal Sleeve Riser Size |
|-----------|--------------------------|-------------|---------------------------|
| CD-0125 | 1/4"-3/4" - All types | 1.53" | 1-1/4" |
| CD-0200 | 1/4"-1-1/4" - All types | 2.19" | 2" |
| CD-0300 | 1"-2" - All types | 3.33" | 3" |
| CD-0400 | 1-1/4"-3" - All types | 4.28" | 4" |
| CD-0500 | 2-1/2"-4" - All types | 5.22" | 5" |
| CD-0600 | 3"-5" - All types | 6.22" | 6" |
| CD-0800 | 4"-6" - All types | 8.21" | 8" |

Visit www.holdrite.com/hydroflame to create a **HOLDRITE® HydroFlame™ Submittal** online within minutes, along with an **Online Quote**, CAD Drawings, Spec Sheets, and Installation Detail Drawings





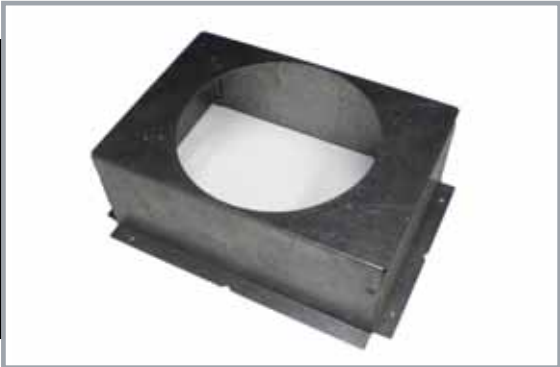
HOLDRITE® HydroFlame™ – Slab and Wall Seal Sleeve

- Mid-body seal provides watertight penetration
- Watertight seal helps protect property against water intrusion, mold, insects/termites, methane and radon gas
- Allows for expansion, contraction and movement
- Available for ½"-6" pipes and conduits
- Custom cut to your specified length
- For use through walls and slab-on-grade conditions
- Mid-body seal also available separately

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|---------------------------------------------------------|-----------|-------------------|
| HP-NP-0050 | PVC, ccPVC, RNC & ABS | .840" | 1/2" |
| HP-NP-0075 | PVC, ccPVC, RNC & ABS | 1.050" | 3/4" |
| HP-NP-0100 | PVC, ccPVC, RNC & ABS | 1.315" | 1" |
| HP-NP-0125 | PVC, ccPVC, RNC & ABS | 1.660" | 1-1/4" |
| HP-NP-0150 | PVC, ccPVC, RNC & ABS | 1.900" | 1-1/2" |
| HP-NP-0200 | PVC, ccPVC, RNC & ABS | 2.375" | 2" |
| HP-NP-0250 | PVC, ccPVC, RNC & ABS | 2.875" | 2-1/2" |
| HP-NP-0300 | PVC, ccPVC, RNC & ABS | 3.50" | 3" |
| HP-NP-0400 | PVC, ccPVC, RNC & ABS | 4.5" | 4" |
| HP-NP-0600 | PVC, ccPVC, RNC & ABS | 6.625" | 6" |
| HP-CP-0050 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | .625" | 1/2" |
| HP-CP-0075 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 0.875" | 3/4" |
| HP-CP-0100 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.125" | 1" |
| HP-CP-0125 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.375" | 1-1/4" |
| HP-CP-0150 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 1.625" | 1-1/2" |
| HP-CP-0200 | CPVC:(Flowguard Gold SDR 11, SDR 11) & PEX | 2.125" | 2" |
| HP-CN-0050 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | .840" | 1/2" |
| HP-CN-0075 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.050" | 3/4" |
| HP-CN-0100 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.315" | 1" |
| HP-CN-0125 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.660" | 1-1/4" |
| HP-CN-0150 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 1.900" | 1-1/2" |
| HP-CN-0200 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.375" | 2" |
| HP-CN-0250 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 2.875" | 2-1/2" |
| HP-CN-0300 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 3.50" | 3" |
| HP-CN-0400 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 4.5" | 4" |
| HP-CN-0600 | CPVC:(Corzan, Blazemaster 13.5, SDR 13.5, Sch. 40 & 80) | 6.625" | 6" |
| HP-CT-0050 | Copper | .625" | 1/2" |
| HP-CT-0075 | Copper | 0.875" | 3/4" |
| HP-CT-0100 | Copper | 1.125" | 1" |
| HP-CT-0125 | Copper | 1.375" | 1-1/4" |
| HP-CT-0150 | Copper | 1.625" | 1-1/2" |
| HP-CT-0200 | Copper | 2.125" | 2" |
| HP-CT-0250 | Copper | 2.625" | 2-1/2" |
| HP-CT-0300 | Copper | 3.125" | 3" |
| HP-CT-0400 | Copper | 4.125" | 4" |
| HP-CT-0600 | Copper | 6.125" | 6" |
| HP-CH-0200 | Cast Iron - Extra Heavy | 2.38" | 2" |

| Model No. | Penetrating Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|------------|----------------------------|-----------|-------------------|
| HP-CH-0300 | Cast Iron - Extra Heavy | 3.50" | 3" |
| HP-CH-0400 | Cast Iron - Extra Heavy | 4.50" | 4" |
| HP-CI-0150 | Cast Iron - Service Weight | 1.90" | 1-1/2" |
| HP-CI-0200 | Cast Iron - Service Weight | 2.30" | 2" |
| HP-CI-0300 | Cast Iron - Service Weight | 3.30" | 3" |
| HP-CI-0400 | Cast Iron - Service Weight | 4.30" | 4" |
| HP-CI-0600 | Cast Iron - Service Weight | 6.30" | 6" |
| HP-CX-0150 | Cast Iron - Hubless | 1.90" | 1-1/2" |
| HP-CX-0200 | Cast Iron - Hubless | 2.35" | 2" |
| HP-CX-0300 | Cast Iron - Hubless | 3.35" | 3" |
| HP-CX-0400 | Cast Iron - Hubless | 4.38" | 4" |
| HP-CX-0500 | Cast Iron - Hubless | 5.30" | 5" |
| HP-CX-0600 | Cast Iron - Hubless | 6.30" | 6" |
| HP-ST-0050 | Steel | .840" | 1/2" |
| HP-ST-0075 | Steel | 1.050" | 3/4" |
| HP-ST-0100 | Steel | 1.315" | 1" |
| HP-ST-0125 | Steel | 1.660" | 1-1/4" |
| HP-ST-0150 | Steel | 1.900" | 1-1/2" |
| HP-ST-0200 | Steel | 2.375" | 2" |
| HP-ST-0250 | Steel | 2.875" | 2-1/2" |
| HP-ST-0300 | Steel | 3.50" | 3" |
| HP-ST-0400 | Steel | 4.5" | 4" |
| HP-ST-0600 | Steel | 6.625" | 6" |
| HP-ET-0050 | EMT | 0.706" | 1/2" |
| HP-ET-0075 | EMT | 0.922" | 3/4" |
| HP-ET-0100 | EMT | 1.163" | 1" |
| HP-ET-0125 | EMT | 1.51" | 1-1/4" |
| HP-ET-0150 | EMT | 1.74" | 1-1/2" |
| HP-ET-0200 | EMT | 2.197" | 2" |
| HP-ET-0250 | EMT | 2.875" | 2-1/2" |
| HP-ET-0300 | EMT | 3.5" | 3" |
| HP-ET-0400 | EMT | 4.5" | 4" |

| Model No. | Individual Mid-Body Seals for Pipe Type(s) | Pipe O.D. | Nominal Pipe Size |
|--------------|--------------------------------------------|-----------|-------------------|
| PS-NPMS-0200 | PVC, ABS, IPS, Steel | 2.375" | 2" |
| PS-NPMS-0300 | PVC, ABS, IPS, Steel | 3.50" | 3" |
| PS-NPMS-0400 | PVC, ABS, IPS, Steel | 4.50" | 4" |
| PS-NPMS-0600 | PVC, ABS, IPS, Steel | 6.625" | 6" |

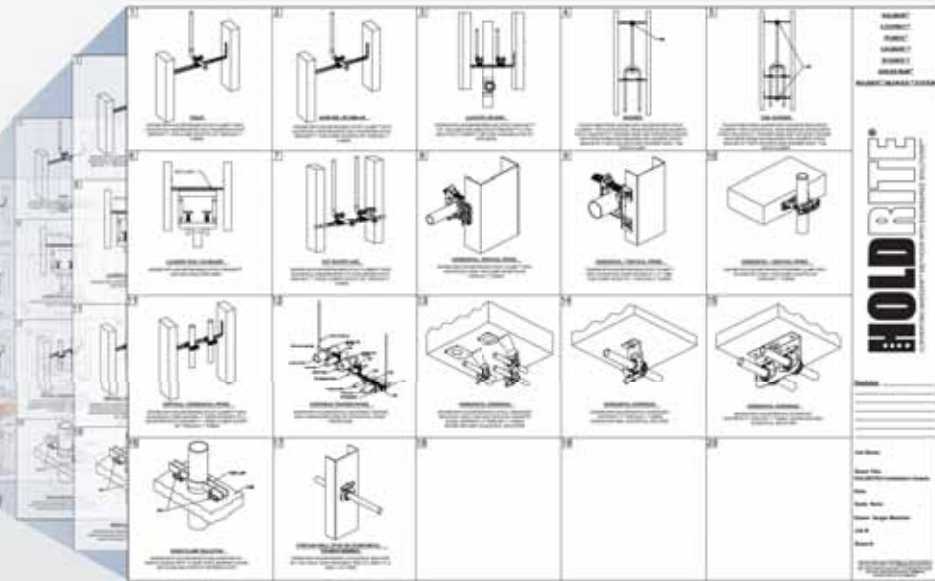


HOLDRITE® HydroFlame™ – Aerator Adapter Box

- Provides a recess in slab for fitting access
- Accepts 3", 4" and 6" HydroFlame sleeves
- 3½" tall x 6¾" wide x 9" height box
- For 8" or thicker concrete floors
- Ideal for Sovent® and other high and tight fitting joint access

| Model No. | Pipe Type(s) | Size |
|-----------|----------------------------|----------|
| AA-0304 | PVC, ABS, No-Hub Cast Iron | 3" or 4" |
| AA-06 | PVC, ABS, No-Hub Cast Iron | 6" |

VIP Services Cost Savings Analysis



HOLDRITE® provides an estimating service that includes specification and submittal assistance, 3-D CAD and BIM-ready drawings, “installed cost”-savings analysis and custom installation detail pages. This no-cost service is available for any project.

No Cost material “Take-Off” for your next job

Performed by Estimators with over 20 years of plumbing experience

Savings analysis based on material and installation costs resulting from using HOLDRITE® products

Custom Installation Detail pages for each application in PDF or DWG CAD formats

Product drawings available in 5 formats, including BIM

Ideal for establishing “Shop Standards”

Specification and Submittal assistance

HOLDRITE APPLICATION SAVINGS EXAMPLES

| Application | Holdrite Product(s) | “Installed Cost” Savings Examples Shown @ \$40.00/Hr. Labor Rate) |
|-------------------------------------------|---------------------|----------------------------------------------------------------------|
| Overhead Cast-In-Place Hanger | 125-D | \$7.40 (Double Pipe Run) |
| Suspended Equipment Platform | 40-SWHP-A | \$8.33 |
| Lavatory Sink (PEX-to-Copper Stub Out) | 103-18/701 | \$1.86 |
| Flush Valve Support | 114-CO | \$1.18 |
| Overhead Med-Gas Trapeze | EZ-1/250 | \$16.90 |

LABOR COST CALCULATOR

| TOTAL COST PER HOUR (\$) (Wage + Over + Benefits + Taxes) | Time Spent | | | | | | | | | |
|--------------------------------------------------------------|------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | Min. | Min. | Min. | Min. | Min. | Min. | Min. | Min. | Min. | Min. |
| \$10.00 | \$0.17 | \$0.33 | \$0.50 | \$0.67 | \$0.83 | \$1.00 | \$1.17 | \$1.33 | \$1.50 | \$1.67 |
| \$15.00 | \$0.25 | \$0.50 | \$0.75 | \$1.00 | \$1.25 | \$1.50 | \$1.75 | \$2.00 | \$2.25 | \$2.50 |
| \$20.00 | \$0.33 | \$0.67 | \$1.00 | \$1.33 | \$1.67 | \$2.00 | \$2.33 | \$2.67 | \$3.00 | \$3.33 |
| \$25.00 | \$0.42 | \$0.83 | \$1.25 | \$1.67 | \$2.08 | \$2.50 | \$2.92 | \$3.33 | \$3.75 | \$4.17 |
| \$30.00 | \$0.50 | \$1.00 | \$1.50 | \$2.00 | \$2.50 | \$3.00 | \$3.50 | \$4.00 | \$4.50 | \$5.00 |
| \$35.00 | \$0.58 | \$1.17 | \$1.75 | \$2.33 | \$2.92 | \$3.50 | \$4.08 | \$4.66 | \$5.25 | \$5.83 |
| \$40.00 | \$0.67 | \$1.33 | \$2.00 | \$2.67 | \$3.33 | \$4.00 | \$4.66 | \$5.33 | \$6.00 | \$6.66 |
| \$45.00 | \$0.75 | \$1.50 | \$2.25 | \$3.00 | \$3.75 | \$4.50 | \$5.25 | \$6.00 | \$6.75 | \$7.50 |
| \$50.00 | \$0.83 | \$1.67 | \$2.50 | \$3.33 | \$4.17 | \$5.00 | \$5.83 | \$6.66 | \$7.50 | \$8.33 |
| \$55.00 | \$0.92 | \$1.83 | \$2.75 | \$3.67 | \$4.58 | \$5.50 | \$6.41 | \$7.33 | \$8.25 | \$9.16 |
| \$60.00 | \$1.00 | \$2.00 | \$3.00 | \$4.00 | \$5.00 | \$6.00 | \$7.00 | \$8.00 | \$9.00 | \$10.00 |
| \$65.00 | \$1.08 | \$2.17 | \$3.25 | \$4.33 | \$5.41 | \$6.50 | \$7.58 | \$8.66 | \$9.75 | \$10.83 |
| \$70.00 | \$1.17 | \$2.33 | \$3.50 | \$4.66 | \$5.83 | \$7.00 | \$8.16 | \$9.33 | \$10.50 | \$11.66 |
| \$75.00 | \$1.25 | \$2.50 | \$3.75 | \$5.00 | \$6.25 | \$7.50 | \$8.75 | \$10.00 | \$11.25 | \$12.50 |
| \$80.00 | \$1.33 | \$2.67 | \$4.00 | \$5.33 | \$6.66 | \$8.00 | \$9.33 | \$10.66 | \$12.00 | \$13.33 |
| \$85.00 | \$1.42 | \$2.83 | \$4.25 | \$5.66 | \$7.08 | \$8.50 | \$9.91 | \$11.33 | \$12.74 | \$14.16 |
| \$90.00 | \$1.50 | \$3.00 | \$4.50 | \$6.00 | \$7.50 | \$9.00 | \$10.50 | \$12.00 | \$13.49 | \$14.99 |
| \$95.00 | \$1.58 | \$3.17 | \$4.75 | \$6.33 | \$7.91 | \$9.50 | \$11.08 | \$12.66 | \$14.24 | \$15.83 |
| \$100.00 | \$1.67 | \$3.33 | \$5.00 | \$6.66 | \$8.33 | \$10.00 | \$11.66 | \$13.33 | \$14.99 | \$16.66 |

Quick Search by Application

PEX

SINK / LAVATORY

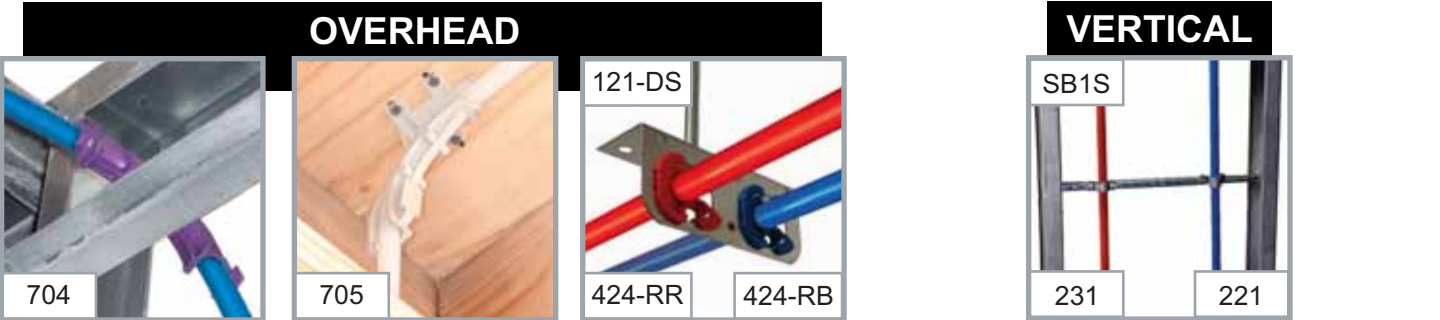


TUB / SHOWER



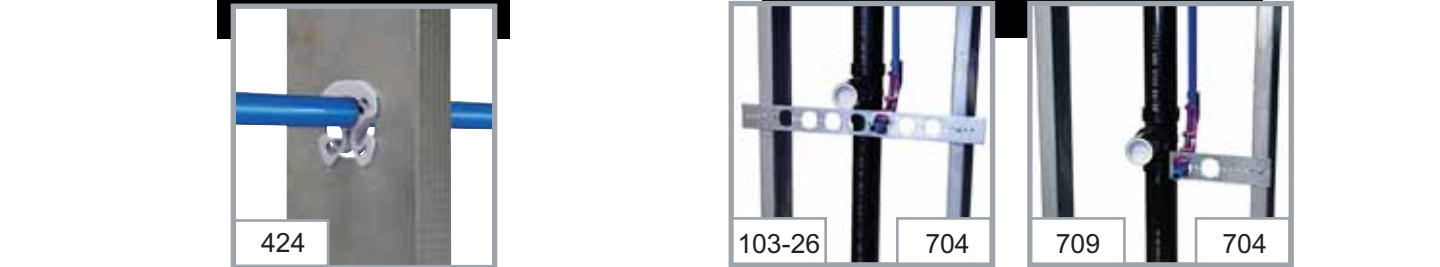
TOILET

VERTICAL



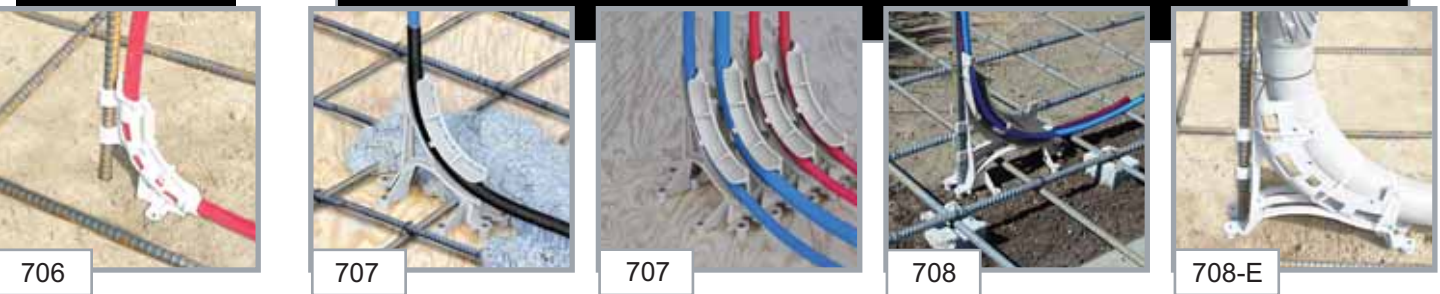
OVERHEAD

THRU-STUD



DRINKING FOUNTAIN

RADIANT HEATING



IN-SLAB / GROUND WORK

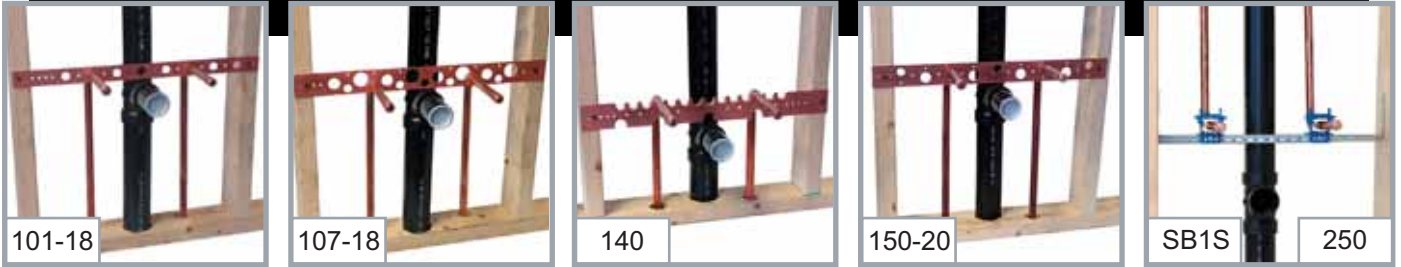
CPVC

COPPER RESIDENTIAL/COMMERCIAL

SINK / LAVATORY



SINK / LAVATORY



TUB / SHOWER



TOILET



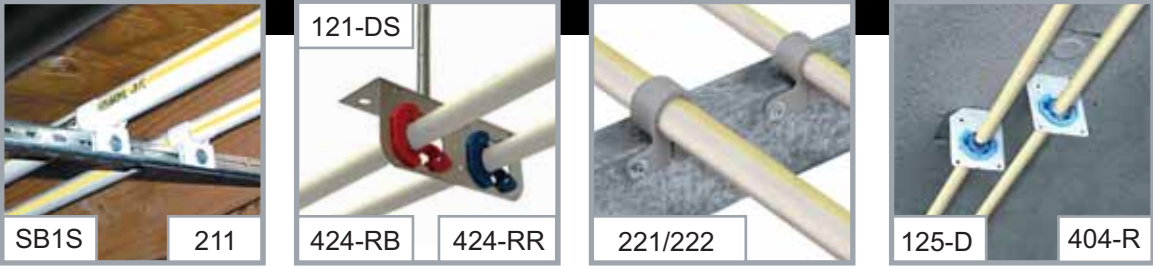
SINK / LAVATORY



TOILET



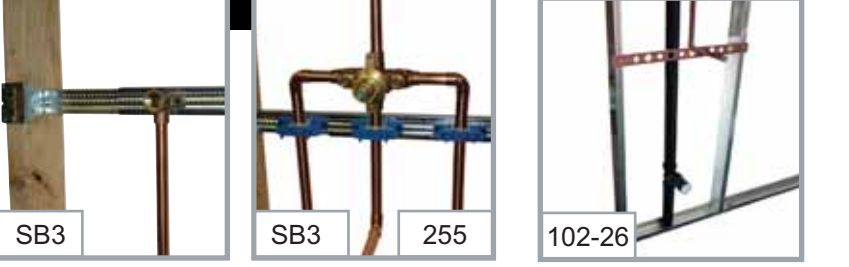
OVERHEAD



TUB / SHOWER



URINAL



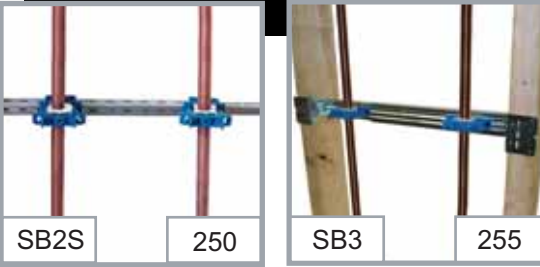
THRU-STUD / JOIST



VERTICAL



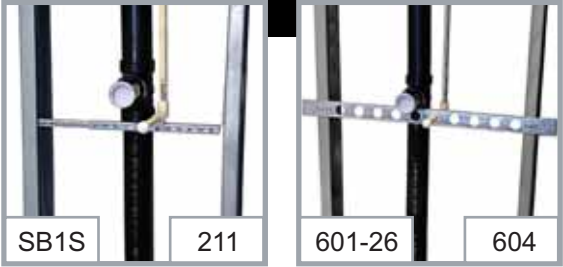
VERTICAL



WATER HEATERS



DRINKING FOUNTAIN



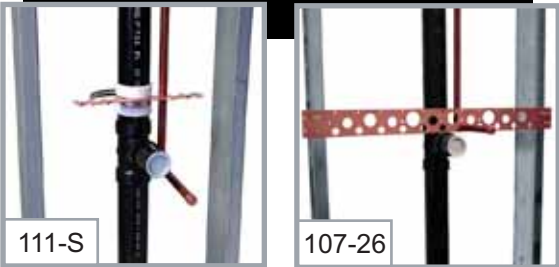
WATER HEATER



MOP SINK



DRINKING FOUNTAIN



THRU-STUD



PRE-FAB & SPECIALITY APPLICATIONS

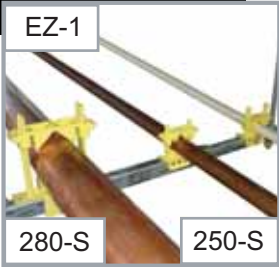
SINK / LAVATORY



WATER CLOSET / CARRIER



OVERHEAD



HORIZONTAL



VERTICAL



VERTICAL / HORIZONTAL RESTRAINT

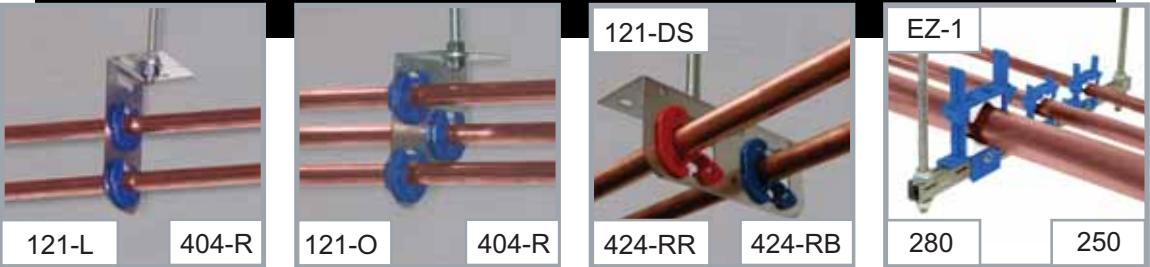


WATER & FIRESTOPPING

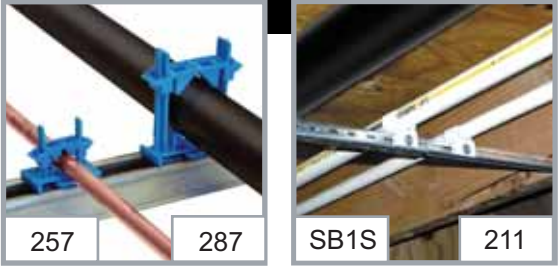


INSERTS AND CLAMPS

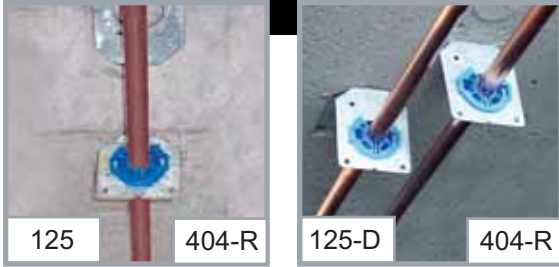
MULTIPLE RUN



MULTIPLE RUN



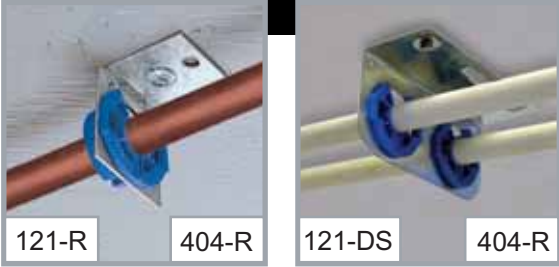
CAST-IN-PLACE



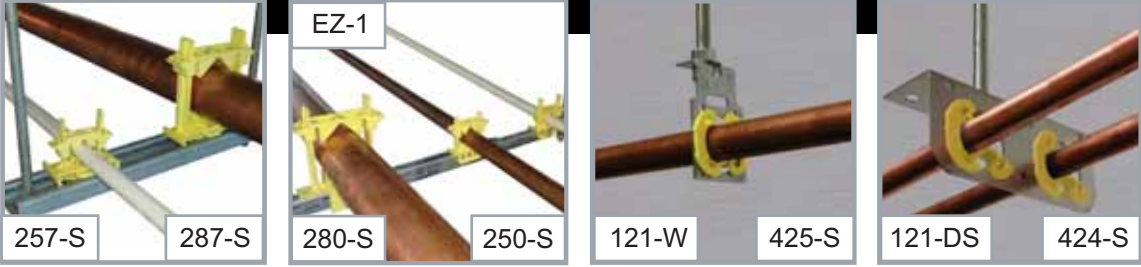
“LOW and GO” RUNS



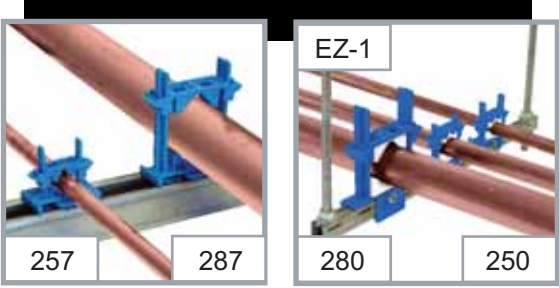
“HIGH & TIGHT” RUNS



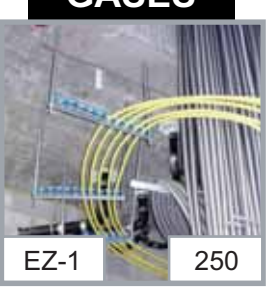
PLENUM



MEDICAL GASES




FUEL GASES




TELESCOPING SUPPORT BRACKETS

SINK / LAVATORY




SB1S 250




SB4 255


TUB / SHOWER



SB1S




SB3




SB2S 250

TOILET




SB1S 250

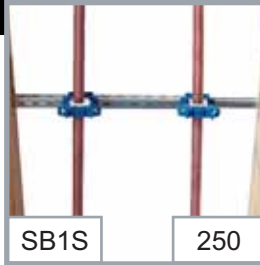
VERTICAL / HORIZONTAL




EZ-1 280 250



SB1S 232 221




SB1S 250



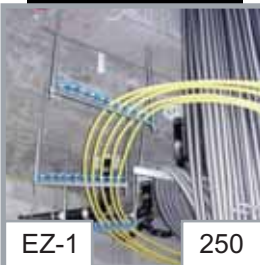
SB3 231

OVERHEAD




SB1S 211

FUEL GAS



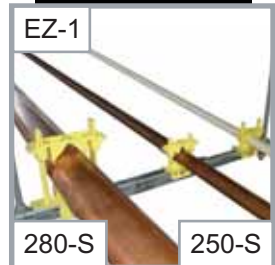
EZ-1 250

MEDICAL GASES



EZ-1 280 250


PLENUM



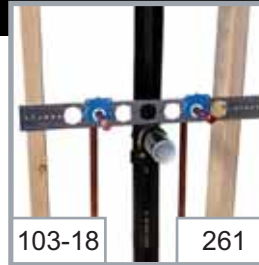
EZ-1 280-S 250-S

NOISE AND VIBRATION ISOLATION


SINK / LAVATORY




SB1S 261



103-18 261




SB1S 250




110-R 261

TUB / SHOWER




SB2S 265 261




SB1S 265

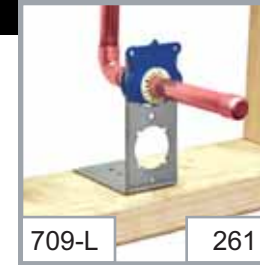
TOILET



709-EXT 261

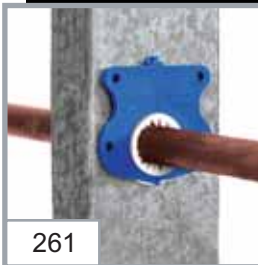


SB1S 250

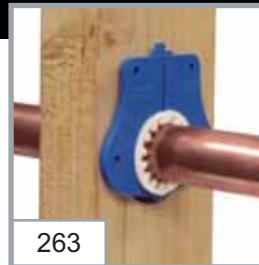


709-L 261


THRU-STUD / JOIST




261



263

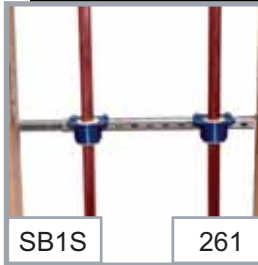


272-2




271


HORIZONTAL / VERTICAL



SB1S 261




SB3 255

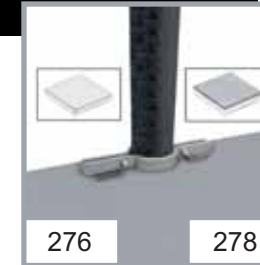


250

RISER CLAMP ISOLATION

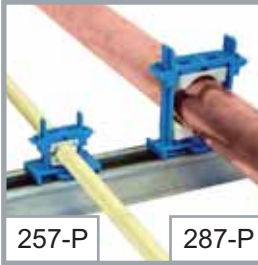


274




275-T 276 278

OVERHEAD




257-P




287-P 280 250


J / LOOP / CLEVIS HANGERS



321



308



271

TELESCOPING BRACKET LOADING DATA (max load)

HOLDRITE® EZ-STRUT™

| Beam Span | Model# | Uniform Load | Center Pt. Load |
|-----------|--------|--------------|-----------------|
| 12" | EZ-1 | 1100 | 1000 |
| 18" | EZ-1 | 510 | 500 |
| 21" | EZ-1 | 360 | 360 |
| 23" | EZ-2 | 600 | 400 |
| 30" | EZ-2 | 534 | 400 |
| 36" | EZ-2 | 175 | 160 |
| 40" | EZ-2 | 153 | 120 |


Based on single beam condition

HOLDRITE STOUT BRACKET®

| Beam Span | Model# | Center Pt. Load |
|-----------|--------|-----------------|
| 10" | SB1 | 400 |
| 10-1/4" | SB3 | 863 |
| 14-1/2" | SB1 | 164 |
| | SB3 | 480 |
| 16" | SB3 | 322 |
| | SB4 | 550 |
| 18" | SB1 | 104 |
| | SB2 | 158 |
| 22-1/2" | SB2 | 124 |
| | SB4 | 271 |
| 24" | SB2 | 68 |
| | SB4 | 228 |

Material Take-Off Sheet

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HOLDRITE Material "Take-off" Sheet and 2012 Catalog Page # Locator

Job Name

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P.O. #

Co. Name

Estimate#


Address

Contact

Phone

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|------------|--------------------------------------------------------------------------------------------|---------|-------------------|
| | 100-18 | 20" flat, Copper-Bonded bracket positions 1/2" pipe | 100 | 17 |
| | 101-18 | 20" flat, Copper-Bonded bracket positions 1/2" pipe | 50 | 17, 71 |
| | 101-18R | 20" extruded holes, Copper-Bonded bracket positions 1/2" pipe | 25 | 9, 17, 69 |
| | 101-26 | 26" flat, Copper-Bonded bracket positions 1/2" pipe | 50 | 21 |
| | 101-26R | 26" extruded holes, Copper-Bonded bracket positions 1/2" or 3/4" pipe | 25 | 9, 71 |
| | 101-F | 3" floor place, Copper-Bonded floor plate | 50 | 18 |
| | 102-18 | 20" flat, Copper-Bonded bracket positions 3/4" or 1" pipe | 50 | 17, 71 |
| | 102-26 | 26" flat, Copper-Bonded bracket positions 1/2", 3/4" or 1" pipe | 50 | 21 |
| | 103-18 | 20" flat, galvanized bracket with 1-3/8" keyed holes | 50 | 8, 13, 69, 70, 75 |
| | 103-18-701 | 20" flat galvanized bracket & 1/2" #701 stub-out clamps (Bulk Qty: 50 brckts, 100 inserts) | Bulk | 8 |
| | 103-26 | 26" flat, galvanized bracket with 1-3/8" keyed holes | 50 | 8, 13, 69 |
| | 103-26-701 | 26" flat galvanized bracket & 1/2" #701 stub-out clamps (Bulk Qty: 50 brckts, 100 inserts) | Bulk | 8 |
| | 104 | 1/2" plastic insert for use with #103 brackets | 100 | 11, 41, 72 |
| | 105 | 3/4" plastic insert for use with #103 brackets | 100 | 11, 41 |
| | 106 | 1" plastic insert for use with #103 brackets | 100 | 11, 41 |
| | 107-18 | 20" flat, Copper-Bonded bracket positions 1/2", 3/4" or 1" pipe | 50 | 17, 71 |
| | 107-26 | 26" flat copper-bonded bracket positions 1/2", 3/4", 1" & 1-1/4" pipe | 50 | 21, 71 |
| | 108-20 | 20" extruded holes, Copper Bonded bracket positions 1/2", 3/4" or 1" pipe | 50 | 17 |
| | 108-26 | 26" extruded holes, Copper-Bonded bracket positions 1/2", 3/4" or 1" pipe | 50 | 21 |
| | 109-A-9 | "L" bracket with four 1/2" extruded holes at 2-3/4", 4-1/2", 6", 7", 8" or 9" | 50 | 22, 71 |
| | 109-N-6 | Copper-Bonded steel bracket made to position 1/2" and 3/4" copper pipe | 50 | 18, 70 |
| | 110-R | Galvanized steel bracket for acoustical pipe-on-pipe support for 1/2", 3/4" or 1" | 50 | 10, 69, 75 |
| | 110-S-1/2 | Copper-Bonded bracket with 1/2" notches on 1" centers | 50 | 22, 72 |
| | 111-S | Copper-Bonded bracket for 1/2" and 3/4" pipes. | 50 | 22, 71, 72 |
| | 114-C | Copper-Bonded carrier bracket secures flush valve stub out | 6 | 22, 72 |
| | 114-C-EXT | Provides additional height of 8-1/2" to 25-1/2" for carrier bracket | 6 | 23, 72 |
| | 114-CO | Copper-Bonded offset carrier bracket secures flush valve stub out | 6 | 22, 72 |
| | 114-COH | Coppe-Bonded offset carrier bracket secures flush valve stub out | 6 | 22 |
| | 114-CR | Copper-Bonded carrier bracket with 1-1/8" notch at the top | 6 | 22, 72 |
| | 115 | Galvanized steel bracket secures 1/2" through 2" pipe | 25 | 23, 72 |
| | 115-C | Copper-Bonded steel bracket secures 1/2" through 2" pipe | 25 | 23, 72 |
| | 117-3K | Restraint Kits (2" - 3" Hubless Cast Iron 1/4 Bend SS) | 6 | 28, 72 |
| | 117-4K | Restraint Kits (4" Hubless Cast Iron 1/4 Bend SS) | 6 | 28, 72 |
| | 117-5K | Restraint Kits (5" Hubless Cast Iron 1/4 Bend SS) | 6 | 28, 72 |
| | 117-6K | Restraint Kits (6" Hubless Cast Iron 1/4 Bend SS) | 6 | 28, 72 |
| | 117-8K | Restraint Kits (8" Hubless Cast Iron 1/4 Bend SS) | 6 | 28, 72 |
| | 117-10K | Restraint Kits (10" Hubless Cast Iron 1/4 Bend SS) | 2 | 28 |
| | 117-12K | Restraint Kits (12" Hubless Cast Iron 1/4 Bend SS) | 1 | 28 |
| | 117-15K | Restraint Kits (15" Hubless Cast Iron 1/4 Bend SS) | 1 | 28 |
| | 117-3L | Restraint Kits (3" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-4L | Restraint Kits (4" Hubless Cast Iron 1/8 Bend) | 1 | 28 |

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HOLDRITE Material "Take-off" Sheet and 2012 Catalog Page # Locator

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| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|-----------|----------------------------------------------------------|---------|----------|
| | 117-5L | Restraint Kits (5" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-6L | Restraint Kits (6" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-8L | Restraint Kits (8" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-10L | Restraint Kits (10" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-12L | Restraint Kits (12" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-15L | Restraint Kits (15" Hubless Cast Iron 1/8 Bend) | 1 | 28 |
| | 117-4W | Restraint Kits (4" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-4x3W | Restraint Kits (4"x3" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-5W | Restraint Kits (5" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-5x4W | Restraint Kits (5"x4" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-6W | Restraint Kits (6" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-6x5W | Restraint Kits (6" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-6x4W | Restraint Kits (6" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-8W | Restraint Kits (8" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-8x6W | Restraint Kits (8" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-8x5W | Restraint Kits (8" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-8x4W | Restraint Kits (8" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-8x3W | Restraint Kits (8" Hubless Cast Iron Wye/Santee) | 1 | 29 |
| | 117-3CM | Restraint Kits (3" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-4CM | Restraint Kits (4" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-4x3CM | Restraint Kits (4" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-5CM | Restraint Kits (5" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-5x4CM | Restraint Kits (5" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-6CM | Restraint Kits (6" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-6x5CM | Restraint Kits (6" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-6x4CM | Restraint Kits (6" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-8CM | Restraint Kits (8" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-8x6CM | Restraint Kits (8" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-8x5CM | Restraint Kits (8" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-8x4CM | Restraint Kits (8" Hubless Cast Iron Combo) | 1 | 29 |
| | 117-3CE | Restraint Kits (3" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-4CE | Restraint Kits (4" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-4x3CE | Restraint Kits (4" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-5CE | Restraint Kits (5" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-5x4CE | Restraint Kits (5" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-6CE | Restraint Kits (6" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-6x5CE | Restraint Kits (6" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-6x4CE | Restraint Kits (6" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-8CE | Restraint Kits (8" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-8x6CE | Restraint Kits (8" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-8x5CE | Restraint Kits (8" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-8x4CE | Restraint Kits (8" Hubless Cast Iron Combo w/Blind Plug) | 1 | 28 |
| | 117-4x2R | Restraint Kits (4"x2" Hubless Cast Iron Short Reducer) | 1 | 30 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|----------|----------------------------------------------------------------------------------|---------|----------------------------|
| | 117-4x3R | Restraint Kits (4"x3" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-5x2R | Restraint Kits (5"x2" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-5x3R | Restraint Kits (5"x3" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-5x4R | Restraint Kits (5"x4" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-6x2R | Restraint Kits (6"x2" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-6x3R | Restraint Kits (6"x3" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-6x4R | Restraint Kits (6"x4" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-6x5R | Restraint Kits (6"x5" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-8x2R | Restraint Kits (8"x2" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-8x3R | Restraint Kits (8"x3" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-8x4R | Restraint Kits (8"x4" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-8x5R | Restraint Kits (8"x5" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-8x6R | Restraint Kits (8"x6" Hubless Cast Iron Short Reducer) | 1 | 30 |
| | 117-3T | Restraint Kits (2" - 3" Hubless Cast Iron Test Tee Support) | 1 | 30 |
| | 117-4T | Restraint Kits (4" Hubless Cast Iron Test Tee Support) | 1 | 30 |
| | 117-5T | Restraint Kits (5" Hubless Cast Iron Test Tee Support) | 1 | 30 |
| | 117-6T | Restraint Kits (6" Hubless Cast Iron Test Tee Support) | 1 | 30 |
| | 117-8T | Restraint Kits (8" Hubless Cast Iron Test Tee Support) | 1 | 30 |
| | 117-3BP | Restraint Kits (2" - 3" Hubless Cast Iron Blind Plug Support) | 1 | 29 |
| | 117-4BP | Restraint Kits (4" Hubless Cast Iron Blind Plug Support) | 1 | 29 |
| | 117-5BP | Restraint Kits (5" Hubless Cast Iron Blind Plug Support) | 1 | 29 |
| | 117-6BP | Restraint Kits (6" Hubless Cast Iron Blind Plug Support) | 1 | 29 |
| | 117-8BP | Restraint Kits (8" Hubless Cast Iron Blind Plug Support) | 1 | 29 |
| | 117-3S | Restraint Kits (2" - 3" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-4S | Restraint Kits (4" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-5S | Restraint Kits (5" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-6S | Restraint Kits (6" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-8S | Restraint Kits (8" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-10S | Restraint Kits (10" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-12S | Restraint Kits (12" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 117-15S | Restraint Kits (15" Hubless Cast Iron Soil Pipe End-to-End Support) | 1 | 30 |
| | 118-T6 | Copper-bonded pipe on pipe support bracket- 1/2" & 3/4" (3/4" on 6" centers) | 50 | 23, 72 |
| | 118-T8 | Copper-bonded pipe on pipe support bracket- 1/2" & 3/4" (3/4" on 8" centers) | 50 | 23, 72 |
| | 121 | Galvanized steel bracket that supports one copper, PEX or CPVC tube | 25 | 23, 72 |
| | 121-D | Galvanized steel bracket that supports two lines of copper, PEX or CPVC tubing | 25 | 10, 15, 26, 46 |
| | 121-DLS | Galvanized steel bracket that supports two lines of copper, PEX or CPVC tubing | 25 | 10, 15, 26, 46, 73 |
| | 121-DS | Galvanized steel bracket that supports two lines of copper, PEX or CPVC tubing | 25 | 10, 15, 26, 46, 69, 70, 73 |
| | 121-L | Galvanized steel bracket that supports two lines of copper, PEX or CPVC tubing | 25 | 10, 15, 26, 46, 73 |
| | 121-O | Galvanized steel bracket that supports three lines of copper, PEX or CPVC tubing | 25 | 26, 47, 73 |
| | 121-R | Galvanized steel bracket that supports one copper, PEX or CPVC tube | 25 | 9, 15, 25, 46, 73 |
| | 121-RLS | Galvanized steel bracket that supports one copper, PEX or CPVC tube | 25 | 9, 15, 25, 46 |
| | 121-W | Galvanized steel bracket that supports one copper, PEX or CPVC tube | 25 | 9, 15, 25, 46, 73 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|---------|-----------------------------------------------------------------------------------|---------|------------------------------------------------|
| | 125-D | Concrete Insert Bracket with 121-D Centerlines | 50 | 26, 47, 70, 73 |
| | 130 | Single solid copper clip for 1/2" pipe | 100 | 18 |
| | 131 | Single solid copper clip for 3/4" pipe | 100 | 18 |
| | 132 | Single solid copper clip for 1" pipe | 100 | 18 |
| | 140 | 20" Copper-Bonded bracket with extruded notches for 1/2" or 3/4" pipe | 50 | 18, 71 |
| | 141 | 20" Copper-Bonded 90° bracket with extruded notches for 1/2" or 3/4" pipe | 50 | 18 |
| | 150-20 | 20" flat, Copper-Bonded bracket positions 1/2" or 3/4" pipe | 50 | 18, 71 |
| | 150-26 | 26" flat, Copper-Bonded bracket positions 1/2" or 3/4" pipe | 50 | 21, 71 |
| | 170 | 18" Galvanized Steel Bracket | 50 | 14, 18 |
| | 170-C | 18" 90° Copper-Bonded bracket | 50 | 18 |
| | 170-26 | 26" Galvanized steel bracket | 50 | 14 |
| | 170-251 | 18" Galvanized Steel Bracket & acoustic PPE clamp (Bulk Qty: 50 brckts 100clamps) | Bulk | 14 |
| | 201 | Strong quick-closing clamp for single 1/2" pipe | 50 | 33 |
| | 202 | Strong quick-closing clamp for single 3/4" pipe | 50 | 33 |
| | 211 | Half moon, fire retardant PVC Clamp for 1/2" pipe | 50 | 13, 33, 70, 73, 74 |
| | 212 | Half moon, fire retardant PVC Clamp for 3/4" pipe | 100 | 13, 33, 70 |
| | 221 | 1/2" Suspension pipe clamp | 100 | 14, 24, 41, 69, 70, 74 |
| | 222 | 3/4" Suspension pipe clamp | 100 | 14, 24, 41, 70 |
| | 221-S | 1/2" Suspension pipe clamp; meets ASTM E-84 25/50 | 100 | 42 |
| | 222-S | 3/4" Suspension pipe clamp; meets ASTM E-84 25/50 | 100 | 42 |
| | 223 | 1" Suspension pipe clamp | 50 | 14, 24, 41 |
| | 224 | 1-1/4" Suspension pipe clamp | 25 | 14, 24, 41 |
| | 225 | 1-1/2" Suspension pipe clamp | 25 | 14, 24, 41 |
| | 226 | 2" Suspension pipe clamp | 25 | 14, 24, 41 |
| | 231 | 1/2" Standard pipe clamp | 100 | 14, 24, 41, 69, 74 |
| | 232 | 3/4" Standard pipe clamp | 100 | 14, 24, 41, 74 |
| | 231-S | 1/2" Standard pipe clamp; meets ASTM E-84 25/50 | 100 | 43 |
| | 232-S | 3/4" Standard pipe clamp; meets ASTM E-84 25/50 | 100 | 43 |
| | 233 | 1" Standard pipe clamp | 50 | 14, 24, 41 |
| | 234 | 1-1/4" Standard pipe clamp | 25 | 14, 24, 41 |
| | 235 | 1-1/2" Standard pipe clamp | 25 | 14, 24, 41 |
| | 236 | 2" Standard pipe clamp | 25 | 14, 24, 41 |
| | 250 | Sound rated variable closure clamp. Supports up to 1" CTS sizes. | 50 | 19, 25, 33, 37, 45, 69, 70, 71, 72, 73, 74, 75 |
| | 250-S | Variable closure clamp-supports up to 1" CTS pipe sizes; meets ASTM E-84 25/50 | 50 | 43, 45, 72, 73, 74 |
| | 251 | Sound-Rated, polypropylene, variable closure clamp. Requires no tools | 50 | 14, 19 |
| | 255 | Acoustical standard clamp - supports up to 1" CTS sizes | 50 | 33, 37, 70, 71, 74, 75 |
| | 255-S | Standard clamp - supports up to 1" CTS sizes; meets ASTM E-84 25/50 | 50 | 43 |
| | 257 | Variable size strut clamp. Supports up to 1" CTS | 50 | 45, 73 |
| | 257-P | Sound rated variable size strut clamp. Supports up to 1" CTS | 50 | 37, 45, 75 |
| | 257-S | Variable size strut clamp. Supports up to 1" CTS; meets ASTM E-84 25/50 | 50 | 43, 45, 73 |
| | 261 | 1/2" Acoustical thru stud isolator/Suspension clamp | 50 | 37, 75 |
| | 262 | 3/4" Acoustical thru stud isolator/Suspension clamp | 50 | 37 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|-----------|---------------------------------------------------------------------------------------------|----------|------------------------------------|
| | 263 | 1" Acoustical thru stud isolator/Suspension clamp | 50 | 37, 75 |
| | 264 | 1-1/4" Acoustical thru stud isolator/Suspension clamp | 50 | 37 |
| | 265 | Shower Head / Tub Spout Clamp | 50 | 37, 75 |
| | 270 | 3/4" Wide acoustical sound insulation lining | 50' roll | 38 |
| | 271 | 2" wide neoprene acoustical sound insulation liner with adhesive backing | 25' roll | 38, 75 |
| | 272-2 | 2" wide X 1/4" thick polyester felt. Acoustical isolation w/adhesive backing (24 rolls/box) | 25' roll | 38, 75 |
| | 274 | 2" X 2" X 3/4" acoustical riser pad (36 pads/sheet and 5 sheets/box = 180 pads) | 180 | 38, 75 |
| | 275 | 2" x 2" x 3/4" acoustical riser pad w/10ga steel bearing plate attached | 144 | 38 |
| | 275-T | 2" x 2" x 3/4" acoustical riser pad w/10ga steel bearing plate w/positioning tabs attached | 144 | 38, 75 |
| | 276 | 2" X 2" X 1/4" acoustical riser pad | 50 | 38, 75 |
| | 278 | 2" X 2" X 1/4" acoustical riser pad w/ 10 gage galv steel bearing plate attached | 50 | 38, 75 |
| | 280 | Sound rated variable closure clamp. Supports up to 2" IPS pipe sizes. | 25 | 19, 25, 33, 37, 45, 72, 73, 74, 75 |
| | 280-S | Variable closure clamp. Supports up to 2" IPS pipe sizes; meets ASTM E-84 25/50 | 25 | 43, 45, 72, 73, 74 |
| | 285 | Sound rated variable closure clamp. Supports up to 2" IPS pipe sizes. | 25 | 33, 37 |
| | 285-S | Variable closure clamp. Supports up to 2" IPS pipe sizes; meets ASTM E-84 25/50 | 25 | 43 |
| | 287 | Variable size strut clamp. Supports up to 1"-2" IPS sizes | 25 | 45, 73 |
| | 287-P | Sound rated variable size strut clamp. Supports up to 1"-2" IPS sizes | 25 | 37, 45, 75 |
| | 287-S | Variable size strut clamp. Supports up to 2" IPS sizes; meets ASTM E-84 25/50 | 25 | 43, 45, 73 |
| | 300 | Swivel Loop Hangers - 1/2" CTS | 100 | 38, 47 |
| | 301 | Acoustic Loop Hanger 1/2" | 100 | 38, 47 |
| | 302 | Acoustic Loop Hanger 3/4" | 100 | 38, 47 |
| | 303 | Acoustic Loop Hanger 1" | 100 | 38, 47 |
| | 304 | Acoustic Loop Hanger 1-1/4" | 100 | 38, 47 |
| | 305 | Acoustic Loop Hanger 1-1/2" | 100 | 38, 47 |
| | 306 | Acoustic Loop Hanger 2" | 100 | 38, 47 |
| | 307 | Acoustic Loop Hanger 2-1/2" | 50 | 38, 47 |
| | 308 | Acoustic Loop Hanger 3" | 50 | 38, 47, 75 |
| | 310 | Acoustic Loop Hanger 4" | 25 | 38, 47 |
| | 320 | J-Hangers - 1/2" CTS | 50 | 39, 47 |
| | 321 | Acoustic J-Hanger 1/2" | 50 | 39, 47, 75 |
| | 322 | Acoustic J-Hanger 3/4" | 50 | 39, 47 |
| | 323 | Acoustic J-Hanger 1" | 50 | 39, 47 |
| | 324 | Acoustic J-Hanger 1-1/4" | 50 | 39, 47 |
| | 325 | Acoustic J-Hanger 1-1/2" | 50 | 39, 47 |
| | 326 | Acoustic J-Hanger 2" | 50 | 39, 47 |
| | 327 | Acoustic J-Hanger 2-1/2" | 25 | 39, 47 |
| | 328 | Acoustic J-Hanger 3" | 25 | 39, 47 |
| | 330 | Acoustic J-Hanger 4" | 25 | 39, 47 |
| | 30-SWHP-M | Suspended Water Heater Platform/Drain Pan (24" Diameter) Metal Drain Fitting | 1 | 53 |
| | 40-S-22-A | 22" Water heater stand, assembled, supports up to 52 gallons/650 lbs. | 1 | 54 |
| | 40-S-22-U | 22" Water heater stand, unassembled, supports up to 52 gallons/650 lbs. | 1 | 54 |
| | 40-S-24-A | 24" Water heater stand, assembled, supports up to 100 gallons/1,200 lbs. | 1 | 54 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|------------|----------------------------------------------------------------------------------------------|---------|----------------------------|
| | 40-S-24-U | 24" Water heater stand, unassembled, supports up to 100 gallons/1,200 lbs. | 1 | 54 |
| | 40-S-30-U | 30" Water heater stand, assembled, supports up to 100 gallons/1,200 lbs. | 1 | 54 |
| | 40-SWHP-A | Suspended Water Heater Platform/Drain Pan Assembled (21-1/2" diameter) | 1 | 53 |
| | 40-SWHP | Suspended Water Heater Platform/Drain Pan (21-1/2" Diameter) | 1 | 53 |
| | 40-SWHP-M | Suspended Water Heater Platform/Drain Pan (21-1/2" Diameter) Metal Drain Fitting | 1 | 53 |
| | 40-SWHP-W | Wall Mounted Water Heater Platform/Drain Pan (21-1/2" Diameter) | 1 | 53 |
| | 40-SWHP-WM | Wall Mounted Water Heater Platform/Drain Pan (21-1/2" Diameter) Metal Drain Fitting | 1 | 53 |
| | 404-R | 1/2" Fire retardant inserts / Metal Stud insulators | 100 | 11, 24, 42, 70, 73 |
| | 405-R | 3/4" Fire retardant inserts / Metal Stud insulators | 100 | 11, 24, 42 |
| | 406-R | 1" Fire retardant inserts / Metal Stud insulators | 100 | 11, 24, 42 |
| | 424 | GREY 1/2" CTS Insert. Meets UL 94 HB requirements | 50 | 11, 14, 24, 41, 69, 70, 71 |
| | 425 | GREY 3/4" CTS Insert. Meets UL 94 HB requirements | 50 | 11, 14, 24, 41 |
| | 426 | GREY 1" CTS Insert. Meets UL 94 HB requirements | 50 | 11, 14, 24, 41 |
| | 424-C | GREY 1/2" ABS Insert. Meets UL 94 HB requirements | 50 | 24, 70 |
| | 425-C | GREY 3/4" ABS Insert. Meets UL 94 HB requirements | 50 | 24 |
| | 426-C | GREY 1" ABS Insert. Meets UL 94 HB requirements | 50 | 24 |
| | 424-RB | BLUE 1/2" CTS Insert. Meets UL 94-V2 requirements | 50 | 42, 69, 70, 73 |
| | 425-RB | BLUE 3/4" CTS Insert. Meets UL 94-V2 requirements | 50 | 42, 73 |
| | 426-RB | BLUE 1" CTS Insert. Meets UL 94-V2 requirements | 50 | 42 |
| | 424-RR | RED 1/2" CTS Insert. Meets UL 94-V2 requirements | 50 | 42, 69, 70, 73 |
| | 425-RR | RED 3/4" CTS Insert. Meets UL 94-V2 requirements | 50 | 42 |
| | 426-RR | RED 1" CTS Insert. Meets UL 94-V2 requirements | 50 | 42 |
| | 424-S | YELLOW 1/2" CTS Insert. Meets ASTM E-84 25/50 & UL 94 V-0 requirements | 25 | 42, 73 |
| | 425-S | YELLOW 3/4" CTS Insert. Meets ASTM E-84 25/50 & UL 94 V-0 requirements | 25 | 42, 73 |
| | 426-S | YELLOW 1" CTS Insert. Meets ASTM E-84 25/50 & UL 94 V-0 requirements | 25 | 42 |
| | 50-SWHP-A | Suspended Water Heater Platform/Drain Pan Assembled (26-1/2" diameter) | 1 | 53 |
| | 50-SWHP | Suspended Water Heater Platform/Drain Pan (26-1/2" Diameter) | 1 | 53 |
| | 50-SWHP-M | Suspended Water Heater Platform/Drain Pan Metal Drain Connection (26-1/2" diameter) | 1 | 53 |
| | 50-SWHP-W | Wall Mounted Water Heater Platform/Drain Pan (26-1/2" Diameter) | 1 | 53 |
| | 50-SWHP-WM | Wall Mounted Water Heater Platform/Drain Pan Metal Drain Connection (26-1/2" diameter) | 1 | 53 |
| | 601-20 | 20" Galvanized steel bracket to support CPVC piping | 50 | 13, 70 |
| | 601-26 | 26" Galvanized steel bracket to support CPVC piping | 50 | 13, 70 |
| | 604 | 1/2" Grooved insert, CPVC compatible, 1" OD | 100 | 13, 70 |
| | 605 | 3/4" Grooved insert 3/4" CPVC compatible, 1" OD | 100 | 13, 70 |
| | 609-N-6 | 18-gauge galvanized steel bracket with 1" holes on 2" centers | 50 | 13, 70 |
| | 701 | Stub-out clamp supports 1/2" PEX tubing, Copper & CPVC | 50 | 8, 13, 69, 70 |
| | 704 | Bend support for use with 1/2" or 3/8" PEX tubing | 100 | 8, 69 |
| | 705 | Bend support for use with 1/2" or 3/8" PEX tubing | 100 | 10 |
| | 706 | Bend support for use with 1/2" or 3/8" PEX tubing | 100 | 10, 69 |
| | 707 | In-slab, flexible tube support. Holds one tube up to 7/8" O.D. | 25 | 11, 69 |
| | 707-E | Single run PEX POP-UP for PEX, soft copper, flexible conduit. Tube sizes 3/8" thru 7/8" O.D. | 25 | 11 |
| | 708 | In-slab, flexible tube support. Holds up to two tubes, up to 1-1/8" O.D. | 15 | 11, 69 |
| | 708-E | In-slab, flexible tube support. Holds up to two tubes, up to 2" O.D. | 15 | 11, 69 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|-----------|----------------------------------------------------------------------------------------|-----------|------------------------|
| | 709 | Galvanized bracket with 1-3/8" keyed holes, 7-1/5" long | 50 | 8, 69 |
| | 709-EXT | Galvanized "L" bracket with 1-3/8" keyed holes at 2", 4", 6" and 8" | 50 | 8, 69, 70, 75 |
| | 709-L | Galvanized "L" bracket with 1-3/8" keyed holes | 50 | 8, 69, 70, 75 |
| | 721 | Galvanized bracket 3.38" x 2.75" with keyed hole | 50 | 9 |
| | EZ-1 | EZ-Strut, Adjustable length trapeze from 12"-21" | 25 | 32, 39, 45, 72, 73, 74 |
| | EZ-2 | EZ-Strut, Adjustable length trapeze from 23"-40" | 25 | 32, 39, 45 |
| | Felt 100 | 2" wide X 1/8" thick polyester felt. Acoustical isolation lining with adhesive backing | 100' roll | 38 |
| | HR 704062 | Clevis Hanger for 5/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704087 | Clevis Hanger for 7/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704112 | Clevis Hanger for 1-1/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704137 | Clevis Hanger for 1-3/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704162 | Clevis Hanger for 1-5/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704212 | Clevis Hanger for 2-1/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704262 | Clevis Hanger for 2-5/8" pipe with 1/2" insualtion | 10 | 48 |
| | HR 704312 | Clevis Hanger for 3-1/8" pipe with 1/2" insualtion | 5 | 48 |
| | HR 704412 | Clevis Hanger for 4-1/8" pipe with 1/2" insualtion | 5 | 48 |
| | HR 708062 | Clevis Hanger for 5/8" pipe with 1" insulation | 10 | 48 |
| | HR 708087 | Clevis Hanger for 7/8" pipe with 1" insulation | 10 | 48 |
| | HR 708112 | Clevis Hanger for 1-1/8" pipe with 1" insulation | 10 | 48 |
| | HR 708137 | Clevis Hanger for 1-3/8" pipe with 1" insulation | 10 | 48 |
| | HR 708162 | Clevis Hanger for 1-5/8" pipe with 1" insulation | 10 | 48 |
| | HR 708212 | Clevis Hanger for 2-1/8 pipe with 1" insulation | 5 | 48 |
| | HR 708262 | Clevis Hanger for 2-5/8" pipe with 1" insulation | 5 | 48 |
| | HR 708312 | Clevis Hanger for 3-1/8" pipe with 1" insulation | 5 | 48 |
| | HR 724062 | Steel Strut Mount for 5/8" pipe with 1/2" insualtion | 20 | 49 |
| | HR 724087 | Steel Strut Mount for 7/8" pipe with 1/2" insualtion | 20 | 49 |
| | HR 724112 | Steel Strut Mount for 1-1/8" pipe with 1/2" insualtion | 20 | 49 |
| | HR 724137 | Steel Strut Mount for 1-3/8" pipe with 1/2" insualtion | 20 | 49 |
| | HR 724162 | Steel Strut Mount for 1-5/8" pipe with 1/2" insualtion | 10 | 49 |
| | HR 724212 | Steel Strut Mount for 2-1/8" pipe with 1/2" insualtion | 10 | 49 |
| | HR 724262 | Steel Strut Mount for 2-5/8" pipe with 1/2" insualtion | 10 | 49 |
| | HR 724312 | Steel Strut Mount for 3-1/8" pipe with 1/2" insualtion | 10 | 49 |
| | HR 724412 | Steel Strut Mount for 4-1/8" pipe with 1/2" insualtion | 10 | 49 |
| | HR 726062 | Steel Strut Mount for 5/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726087 | Steel Strut Mount for 7/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726112 | Steel Strut Mount for 1-1/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726137 | Steel Strut Mount for 1-3/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726162 | Steel Strut Mount for 1-5/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726212 | Steel Strut Mount for 2-1/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726262 | Steel Strut Mount for 2-5/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726312 | Steel Strut Mount for 3-1/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726362 | Steel Strut Mount for 3-5/8" pipe with 3/4" insulation | 10 | 49 |
| | HR 726412 | Steel Strut Mount for 4-1/8" pipe with 3/4" insulation | 10 | 49 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|-----------|---------------------------------------------------------------------------|---------|----------|
| | HR 728062 | Steel Strut Mount for 5/8" pipe with 1" insulation | 10 | 49 |
| | HR 728087 | Steel Strut Mount for 7/8" pipe with 1" insulation | 10 | 49 |
| | HR 728112 | Steel Strut Mount for 1-1/8" pipe with 1" insulation | 10 | 49 |
| | HR 728137 | Steel Strut Mount for 1-3/8" pipe with 1" insulation | 10 | 49 |
| | HR 728162 | Steel Strut Mount for 1-5/8" pipe with 1" insulation | 10 | 49 |
| | HR 728212 | Steel Strut Mount for 2-1/8" pipe with 1" insulation | 10 | 49 |
| | HR 728262 | Steel Strut Mount for 2-5/8" pipe with 1" insulation | 10 | 49 |
| | HR 728312 | Steel Strut Mount for 3-1/8" pipe with 1" insulation | 10 | 49 |
| | HR 728412 | Steel Strut Mount for 4-1/8" pipe with 1" insulation | 10 | 49 |
| | HR 824062 | Plastic Strut Mount for 5/8" pipe with 1/2" insualtion | 20 | 50 |
| | HR 824087 | Plastic Strut Mount for 7/8" pipe with 1/2" insualtion | 20 | 50 |
| | HR 824112 | Plastic Strut Mount for 1-1/8" pipe with 1/2" insualtion | 20 | 50 |
| | HR 824137 | Plastic Strut Mount for 1-3/8" pipe with 1/2" insualtion | 20 | 50 |
| | HR 824162 | Plastic Strut Mount for 1-5/8" pipe with 1/2" insualtion | 10 | 50 |
| | HR 824212 | Plastic Strut Mount for 2-1/8" pipe with 1/2" insualtion | 10 | 50 |
| | HR 828087 | Plastic Strut Mount for 7/8" pipe with 1" insulation | 10 | 50 |
| | HR 828112 | Plastic Strut Mount for 1-1/8" pipe with 1" insulation | 10 | 50 |
| | HR 828137 | Plastic Strut Mount for 1-3/8" pipe with 1" insulation | 10 | 50 |
| | HR 828162 | Plastic Strut Mount for 1-5/8" pipe with 1" insulation | 10 | 50 |
| | HR 828212 | Plastic Strut Mount for 2-1/8" pipe with 1" insulation | 10 | 50 |
| | HR 828262 | Plastic Strut Mount for 2-5/8" pipe with 1" insulation | 10 | 50 |
| | QB-50-F | Seat belt sytle water heater straps, supports up to 80 gallons | 20 | 54 |
| | QFC-7515 | 3/4" FIP x 3/4" FIP x 15" Stainless Steel Water Heater Connector | 35 | 52 |
| | QFC-7518 | 3/4" FIP x 3/4" FIP x 18" Stainless Steel Water Heater Connector | 35 | 52 |
| | QFC-7524 | 3/4" FIP x 3/4" FIP x 24" Stainless Steel Water Heater Connector | 35 | 52 |
| | QFC-17518 | 1" FIP x 3/4" FIP x 18" Stainless Steel Water Heater Connector | 30 | 52 |
| | QFC-17524 | 1" FIP x 3/4" FIP x 24" Stainless Steel Water Heater Connector | 30 | 52 |
| | QFC-0118 | 1" FIP x 1" FIP x18" Stainless Steel Water Heater Connector | 25 | 52 |
| | QFC-0124 | 1" FIP x 1" FIP x 24" Stainless Steel Water Heater Connector | 25 | 52 |
| | QFC-11418 | 1-1/4" FIP x 1-1/4" FIP x 18" Stainless Steel Water Heater Connector | 12 | 52 |
| | QFC-11218 | 1-1/2" FIP x 1-1/2" FIP x 18" Stainless Steel Water Heater Connector | 10 | 52 |
| | QFC-0218 | 2" FIP x 2" FIP x 18" Stainless Steel Water Heater Connector | 9 | 52 |
| | QP-20 | 20" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QP-22 | 22" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QP-24 | 24" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QP-26 | 26" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QP-28 | 28" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QP-30 | 30" Aluminum Water Heater Pan with drain fitting | 6 | 52 |
| | QS-120 | Galvanized water heater straps, supports up to 120 gallons | 12 | 54 |
| | QS-50 | Galvanized water heater straps, supports up to 80 gallons | 15 | 54 |
| | QS-50-D | Powder coated water heater straps w/ 2 safety caps, supports up to 80 gal | 15 | 54 |
| | QS-E24 | 24" Shed Enclosure (24" x 74" x 24") | 1 | 52 |
| | QS-E26 | 26" Shed Enclosure (26" x 74" x 26") | 1 | 52 |

| Quantity | Model # | Product Description | Box Qty | Page No. |
|----------|----------|---------------------------------------------------------------------------------------|---------|-----------------------------------------------|
| | QS-E30 | 30" Shed Enclosure (30" x 74" x 30") | 1 | 52 |
| | QS-50-P | Galvanized water heater straps, supports up to 80 gallons, pre-bagged | 15 | 54 |
| | QS-50-S | Galvanized water heater straps, supports up to 80 gallons with 1" wall spacer | 15 | 54 |
| | QS-05 | Thermal expansion tank mounting bracket, supports up to 2.5 gallons and 9.5" diameter | 15 | 54 |
| | QS-12 | Thermal expansion tank mounting bracket, supports 2.5-5 gallons and 9.5"-13" diameter | 15 | 54 |
| | SB1 | Stout Bracket; 10" to 18" Span - no screws | 50 | 32 |
| | SB1S | Stout Bracket; 10" to 18" Span - four screws | 50 | 9, 13, 19, 25, 32, 39, 69, 70, 71, 73, 74, 75 |
| | SB1-2502 | One Stout Bracket 10" to 18" - Two Stout Clamps - four screws | 25 | 32, 39 |
| | SB2 | Stout Bracket; 13" to 25" Span - no screws | 50 | 32 |
| | SB2S | Stout Bracket; 13" to 25" Span - four screws | 50 | 9, 13, 19, 25, 32, 39, 71, 74, 75 |
| | SB2-2502 | One Stout Bracket 13" to 25" - Two Stout Clamps - four screws | 25 | 32, 39 |
| | SB3 | Wide Stout Bracket; 10-1/4" to 17-1/2" Span - Screws not included | 50 | 9, 14, 19, 25, 32, 69, 70, 71, 74, 75 |
| | SB4 | Wide Stout Bracket; 15-1/4" to 25-1/2" Span - Screws not included | 50 | 9, 14, 19, 25, 32, 74 |
| | V-2 | Copper-Bonded steel bracket designed to hold 1/2" to 3" pipes horizontally | 25 | 23, 72 |



| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|------------|----------------------------------|-----------|--------|----------|
| | PS-NP-0050 | HydroFlame Cast-in-Place Sleeves | .840" | 1/2" | 59 |
| | PS-NP-0075 | HydroFlame Cast-in-Place Sleeves | 1.050" | 3/4" | 59 |
| | PS-NP-0100 | HydroFlame Cast-in-Place Sleeves | 1.315" | 1" | 59 |
| | PS-NP-0125 | HydroFlame Cast-in-Place Sleeves | 1.660" | 1-1/4" | 59 |
| | PS-NP-0150 | HydroFlame Cast-in-Place Sleeves | 1.900" | 1-1/2" | 59 |
| | PS-NP-0200 | HydroFlame Cast-in-Place Sleeves | 2.375" | 2" | 59 |
| | PS-NP-0250 | HydroFlame Cast-in-Place Sleeves | 2.875" | 2-1/2" | 59 |
| | PS-NP-0300 | HydroFlame Cast-in-Place Sleeves | 3.50" | 3" | 59 |
| | PS-NP-0400 | HydroFlame Cast-in-Place Sleeves | 4.5" | 4" | 59 |
| | PS-NP-0600 | HydroFlame Cast-in-Place Sleeves | 6.625" | 6" | 59 |
| | PS-CP-0050 | HydroFlame Cast-in-Place Sleeves | .625" | 1/2" | 59 |
| | PS-CP-0075 | HydroFlame Cast-in-Place Sleeves | 0.875" | 3/4" | 59 |
| | PS-CP-0100 | HydroFlame Cast-in-Place Sleeves | 1.125" | 1" | 59 |
| | PS-CP-0125 | HydroFlame Cast-in-Place Sleeves | 1.375" | 1-1/4" | 59 |
| | PS-CP-0150 | HydroFlame Cast-in-Place Sleeves | 1.625" | 1-1/2" | 59 |
| | PS-CP-0200 | HydroFlame Cast-in-Place Sleeves | 2.125" | 2" | 59 |
| | PS-CN-0050 | HydroFlame Cast-in-Place Sleeves | .840" | 1/2" | 59 |
| | PS-CN-0075 | HydroFlame Cast-in-Place Sleeves | 1.050" | 3/4" | 59 |
| | PS-CN-0100 | HydroFlame Cast-in-Place Sleeves | 1.315" | 1" | 59 |
| | PS-CN-0125 | HydroFlame Cast-in-Place Sleeves | 1.660" | 1-1/4" | 59 |
| | PS-CN-0150 | HydroFlame Cast-in-Place Sleeves | 1.900" | 1-1/2" | 59 |
| | PS-CN-0200 | HydroFlame Cast-in-Place Sleeves | 2.375" | 2" | 59 |

| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|------------|----------------------------------|-----------|--------|----------|
| | PS-CN-0250 | HydroFlame Cast-in-Place Sleeves | 2.875" | 2-1/2" | 59 |
| | PS-CN-0300 | HydroFlame Cast-in-Place Sleeves | 3.50" | 3" | 59 |
| | PS-CN-0400 | HydroFlame Cast-in-Place Sleeves | 4.5" | 4" | 59 |
| | PS-CN-0600 | HydroFlame Cast-in-Place Sleeves | 6.625" | 6" | 59 |
| | PS-CT-0050 | HydroFlame Cast-in-Place Sleeves | .625" | 1/2" | 59 |
| | PS-CT-0075 | HydroFlame Cast-in-Place Sleeves | 0.875" | 3/4" | 59 |
| | PS-CT-0100 | HydroFlame Cast-in-Place Sleeves | 1.125" | 1" | 59 |
| | PS-CT-0125 | HydroFlame Cast-in-Place Sleeves | 1.375" | 1-1/4" | 59 |
| | PS-CT-0150 | HydroFlame Cast-in-Place Sleeves | 1.625" | 1-1/2" | 59 |
| | PS-CT-0200 | HydroFlame Cast-in-Place Sleeves | 2.125" | 2" | 59 |
| | PS-CT-0250 | HydroFlame Cast-in-Place Sleeves | 2.625" | 2-1/2" | 59 |
| | PS-CT-0300 | HydroFlame Cast-in-Place Sleeves | 3.125" | 3" | 59 |
| | PS-CT-0400 | HydroFlame Cast-in-Place Sleeves | 4.125" | 4" | 59 |
| | PS-CT-0600 | HydroFlame Cast-in-Place Sleeves | 6.125" | 6" | 59 |
| | PS-CH-0200 | HydroFlame Cast-in-Place Sleeves | 2.38" | 2" | 59 |
| | PS-CH-0300 | HydroFlame Cast-in-Place Sleeves | 3.50" | 3" | 60 |
| | PS-CH-0400 | HydroFlame Cast-in-Place Sleeves | 4.50" | 4" | 60 |
| | PS-CI-0150 | HydroFlame Cast-in-Place Sleeves | 1.90" | 1-1/2" | 60 |
| | PS-CI-0200 | HydroFlame Cast-in-Place Sleeves | 2.30" | 2" | 60 |
| | PS-CI-0300 | HydroFlame Cast-in-Place Sleeves | 3.30" | 3" | 60 |
| | PS-CI-0400 | HydroFlame Cast-in-Place Sleeves | 4.30" | 4" | 60 |
| | PS-CI-0600 | HydroFlame Cast-in-Place Sleeves | 6.30" | 6" | 60 |
| | PS-CX-0150 | HydroFlame Cast-in-Place Sleeves | 1.90" | 1-1/2" | 60 |
| | PS-CX-0200 | HydroFlame Cast-in-Place Sleeves | 2.35" | 2" | 60 |
| | PS-CX-0300 | HydroFlame Cast-in-Place Sleeves | 3.35" | 3" | 60 |
| | PS-CX-0400 | HydroFlame Cast-in-Place Sleeves | 4.38" | 4" | 60 |
| | PS-CX-0500 | HydroFlame Cast-in-Place Sleeves | 5.30" | 5" | 60 |
| | PS-CX-0600 | HydroFlame Cast-in-Place Sleeves | 6.30" | 6" | 60 |
| | PS-ST-0050 | HydroFlame Cast-in-Place Sleeves | .840" | 1/2" | 60 |
| | PS-ST-0075 | HydroFlame Cast-in-Place Sleeves | 1.050" | 3/4" | 60 |
| | PS-ST-0100 | HydroFlame Cast-in-Place Sleeves | 1.315" | 1" | 60 |
| | PS-ST-0125 | HydroFlame Cast-in-Place Sleeves | 1.660" | 1-1/4" | 60 |
| | PS-ST-0150 | HydroFlame Cast-in-Place Sleeves | 1.900" | 1-1/2" | 60 |
| | PS-ST-0200 | HydroFlame Cast-in-Place Sleeves | 2.375" | 2" | 60 |
| | PS-ST-0250 | HydroFlame Cast-in-Place Sleeves | 2.875" | 2-1/2" | 60 |
| | PS-ST-0300 | HydroFlame Cast-in-Place Sleeves | 3.50" | 3" | 60 |
| | PS-ST-0400 | HydroFlame Cast-in-Place Sleeves | 4.5" | 4" | 60 |
| | PS-ST-0600 | HydroFlame Cast-in-Place Sleeves | 6.625" | 6" | 60 |
| | PS-ET-0050 | HydroFlame Cast-in-Place Sleeves | 0.706" | 1/2" | 60 |
| | PS-ET-0075 | HydroFlame Cast-in-Place Sleeves | 0.922" | 3/4" | 60 |
| | PS-ET-0100 | HydroFlame Cast-in-Place Sleeves | 1.163" | 1" | 60 |
| | PS-ET-0125 | HydroFlame Cast-in-Place Sleeves | 1.51" | 1-1/4" | 60 |
| | PS-ET-0150 | HydroFlame Cast-in-Place Sleeves | 1.74' | 1-1/2" | 60 |

| | | | | | |
|----------|-------|-----------|-------|--------|-------|
| Job Name | _____ | Date | _____ | P.O. # | _____ |
| Co. Name | _____ | Estimate# | _____ | | |
| Address | _____ | | | | |
| Contact | _____ | Phone | _____ | | |

| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|------------|----------------------------------|-----------|--------|----------|
| | PS-ET-0200 | HydroFlame Cast-in-Place Sleeves | 2.197" | 2" | 60 |
| | PS-ET-0250 | HydroFlame Cast-in-Place Sleeves | 2.875" | 2-1/2" | 60 |
| | PS-ET-0300 | HydroFlame Cast-in-Place Sleeves | 3.5" | 3" | 60 |
| | PS-ET-0400 | HydroFlame Cast-in-Place Sleeves | 4.5" | 4" | 60 |
| | CD-NP-0050 | Corrugated Cast-in-Place Sleeves | .840" | 1/2" | 61 |
| | CD-NP-0075 | Corrugated Cast-in-Place Sleeves | 1.050" | 3/4" | 61 |
| | CD-NP-0100 | Corrugated Cast-in-Place Sleeves | 1.315" | 1" | 61 |
| | CD-NP-0125 | Corrugated Cast-in-Place Sleeves | 1.660" | 1-1/4" | 61 |
| | CD-NP-0150 | Corrugated Cast-in-Place Sleeves | 1.900" | 1-1/2" | 61 |
| | CD-NP-0200 | Corrugated Cast-in-Place Sleeves | 2.375" | 2" | 61 |
| | CD-NP-0250 | Corrugated Cast-in-Place Sleeves | 2.875" | 2-1/2" | 61 |
| | CD-NP-0300 | Corrugated Cast-in-Place Sleeves | 3.50" | 3" | 61 |
| | CD-NP-0400 | Corrugated Cast-in-Place Sleeves | 4.5" | 4" | 61 |
| | CD-NP-0600 | Corrugated Cast-in-Place Sleeves | 6.625" | 6" | 61 |
| | CD-CP-0050 | Corrugated Cast-in-Place Sleeves | .625" | 1/2" | 61 |
| | CD-CP-0075 | Corrugated Cast-in-Place Sleeves | 0.875" | 3/4" | 61 |
| | CD-CP-0100 | Corrugated Cast-in-Place Sleeves | 1.125" | 1" | 61 |
| | CD-CP-0125 | Corrugated Cast-in-Place Sleeves | 1.375" | 1-1/4" | 61 |
| | CD-CP-0150 | Corrugated Cast-in-Place Sleeves | 1.625" | 1-1/2" | 61 |
| | CD-CP-0200 | Corrugated Cast-in-Place Sleeves | 2.125" | 2" | 61 |
| | CD-CN-0050 | Corrugated Cast-in-Place Sleeves | .840" | 1/2" | 61 |
| | CD-CN-0075 | Corrugated Cast-in-Place Sleeves | 1.050" | 3/4" | 61 |
| | CD-CN-0100 | Corrugated Cast-in-Place Sleeves | 1.315" | 1" | 61 |
| | CD-CN-0125 | Corrugated Cast-in-Place Sleeves | 1.660" | 1-1/4" | 61 |
| | CD-CN-0150 | Corrugated Cast-in-Place Sleeves | 1.900" | 1-1/2" | 61 |
| | CD-CN-0200 | Corrugated Cast-in-Place Sleeves | 2.375" | 2" | 61 |
| | CD-CN-0250 | Corrugated Cast-in-Place Sleeves | 2.875" | 2-1/2" | 61 |
| | CD-CN-0300 | Corrugated Cast-in-Place Sleeves | 3.50" | 3" | 61 |
| | CD-CN-0400 | Corrugated Cast-in-Place Sleeves | 4.5" | 4" | 61 |
| | CD-CN-0600 | Corrugated Cast-in-Place Sleeves | 6.625" | 6" | 61 |
| | CD-CT-0050 | Corrugated Cast-in-Place Sleeves | .625" | 1/2" | 61 |
| | CD-CT-0075 | Corrugated Cast-in-Place Sleeves | 0.875" | 3/4" | 61 |
| | CD-CT-0100 | Corrugated Cast-in-Place Sleeves | 1.125" | 1" | 61 |
| | CD-CT-0125 | Corrugated Cast-in-Place Sleeves | 1.375" | 1-1/4" | 61 |
| | CD-CT-0150 | Corrugated Cast-in-Place Sleeves | 1.625" | 1-1/2" | 61 |
| | CD-CT-0200 | Corrugated Cast-in-Place Sleeves | 2.125" | 2" | 61 |
| | CD-CT-0250 | Corrugated Cast-in-Place Sleeves | 2.625" | 2-1/2" | 61 |
| | CD-CT-0300 | Corrugated Cast-in-Place Sleeves | 3.125" | 3" | 61 |
| | CD-CT-0400 | Corrugated Cast-in-Place Sleeves | 4.125" | 4" | 61 |
| | CD-CT-0600 | Corrugated Cast-in-Place Sleeves | 6.125" | 6" | 61 |
| | CD-CH-0200 | Corrugated Cast-in-Place Sleeves | 2.38" | 2" | 61 |
| | CD-CH-0300 | Corrugated Cast-in-Place Sleeves | 3.50" | 3" | 62 |
| | CD-CH-0400 | Corrugated Cast-in-Place Sleeves | 4.50" | 4" | 62 |
| | CD-CI-0150 | Corrugated Cast-in-Place Sleeves | 1.90" | 1-1/2" | 62 |

| | | | | | |
|----------|-------|-----------|-------|--------|-------|
| Job Name | _____ | Date | _____ | P.O. # | _____ |
| Co. Name | _____ | Estimate# | _____ | | |
| Address | _____ | | | | |
| Contact | _____ | Phone | _____ | | |

| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|------------|------------------------------------|-----------|--------|----------|
| | CD-CI-0200 | Corrugated Cast-in-Place Sleeves | 2.30" | 2" | 62 |
| | CD-CI-0300 | Corrugated Cast-in-Place Sleeves | 3.30" | 3" | 62 |
| | CD-CI-0400 | Corrugated Cast-in-Place Sleeves | 4.30" | 4" | 62 |
| | CD-CI-0600 | Corrugated Cast-in-Place Sleeves | 6.30" | 6" | 62 |
| | CD-CX-0150 | Corrugated Cast-in-Place Sleeves | 1.90" | 1-1/2" | 62 |
| | CD-CX-0200 | Corrugated Cast-in-Place Sleeves | 2.35" | 2" | 62 |
| | CD-CX-0300 | Corrugated Cast-in-Place Sleeves | 3.35" | 3" | 62 |
| | CD-CX-0400 | Corrugated Cast-in-Place Sleeves | 4.38" | 4" | 62 |
| | CD-CX-0500 | Corrugated Cast-in-Place Sleeves | 5.30" | 5" | 62 |
| | CD-CX-0600 | Corrugated Cast-in-Place Sleeves | 6.30" | 6" | 62 |
| | CD-ST-0050 | Corrugated Cast-in-Place Sleeves | .840" | 1/2" | 62 |
| | CD-ST-0075 | Corrugated Cast-in-Place Sleeves | 1.050" | 3/4" | 62 |
| | CD-ST-0100 | Corrugated Cast-in-Place Sleeves | 1.315" | 1" | 62 |
| | CD-ST-0125 | Corrugated Cast-in-Place Sleeves | 1.660" | 1-1/4" | 62 |
| | CD-ST-0150 | Corrugated Cast-in-Place Sleeves | 1.900" | 1-1/2" | 62 |
| | CD-ST-0200 | Corrugated Cast-in-Place Sleeves | 2.375" | 2" | 62 |
| | CD-ST-0250 | Corrugated Cast-in-Place Sleeves | 2.875" | 2-1/2" | 62 |
| | CD-ST-0300 | Corrugated Cast-in-Place Sleeves | 3.50" | 3" | 62 |
| | CD-ST-0400 | Corrugated Cast-in-Place Sleeves | 4.5" | 4" | 62 |
| | CD-ST-0600 | Corrugated Cast-in-Place Sleeves | 6.625" | 6" | 62 |
| | CD-ET-0050 | Corrugated Cast-in-Place Sleeves | 0.706" | 1/2" | 62 |
| | CD-ET-0075 | Corrugated Cast-in-Place Sleeves | 0.922" | 3/4" | 62 |
| | CD-ET-0100 | Corrugated Cast-in-Place Sleeves | 1.163" | 1" | 62 |
| | CD-ET-0125 | Corrugated Cast-in-Place Sleeves | 1.51" | 1-1/4" | 62 |
| | CD-ET-0150 | Corrugated Cast-in-Place Sleeves | 1.74' | 1-1/2" | 62 |
| | CD-ET-0200 | Corrugated Cast-in-Place Sleeves | 2.197" | 2" | 62 |
| | CD-ET-0250 | Corrugated Cast-in-Place Sleeves | 2.875" | 2-1/2" | 62 |
| | CD-ET-0300 | Corrugated Cast-in-Place Sleeves | 3.5" | 3" | 62 |
| | CD-ET-0400 | Corrugated Cast-in-Place Sleeves | 4.5" | 4" | 62 |
| | HP-NP-0050 | Slab and Wall Seal w/ Pipe Inserts | .840" | 1/2" | 66 |
| | HP-NP-0075 | Slab and Wall Seal w/ Pipe Inserts | 1.050" | 3/4" | 66 |
| | HP-NP-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.315" | 1" | 66 |
| | HP-NP-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.660" | 1-1/4" | 66 |
| | HP-NP-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.900" | 1-1/2" | 66 |
| | HP-NP-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.375" | 2" | 66 |
| | HP-NP-0250 | Slab and Wall Seal w/ Pipe Inserts | 2.875" | 2-1/2" | 66 |
| | HP-NP-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.50" | 3" | 66 |
| | HP-NP-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.5" | 4" | 66 |
| | HP-NP-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.625" | 6" | 66 |
| | HP-CP-0050 | Slab and Wall Seal w/ Pipe Inserts | .625" | 1/2" | 66 |
| | HP-CP-0075 | Slab and Wall Seal w/ Pipe Inserts | 0.875" | 3/4" | 66 |
| | HP-CP-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.125" | 1" | 66 |
| | HP-CP-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.375" | 1-1/4" | 66 |
| | HP-CP-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.625" | 1-1/2" | 66 |

Job Name

Co. Name

Address

Contact

Date

Estimate#

Phone

P.O. #

| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|------------|------------------------------------|-----------|--------|----------|
| | HP-CP-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.125" | 2" | 66 |
| | HP-CN-0050 | Slab and Wall Seal w/ Pipe Inserts | .840" | 1/2" | 66 |
| | HP-CN-0075 | Slab and Wall Seal w/ Pipe Inserts | 1.050" | 3/4" | 66 |
| | HP-CN-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.315" | 1" | 66 |
| | HP-CN-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.660" | 1-1/4" | 66 |
| | HP-CN-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.900" | 1-1/2" | 66 |
| | HP-CN-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.375" | 2" | 66 |
| | HP-CN-0250 | Slab and Wall Seal w/ Pipe Inserts | 2.875" | 2-1/2" | 66 |
| | HP-CN-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.50" | 3" | 66 |
| | HP-CN-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.5" | 4" | 66 |
| | HP-CN-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.625" | 6" | 66 |
| | HP-CT-0050 | Slab and Wall Seal w/ Pipe Inserts | .625" | 1/2" | 66 |
| | HP-CT-0075 | Slab and Wall Seal w/ Pipe Inserts | 0.875" | 3/4" | 66 |
| | HP-CT-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.125" | 1" | 66 |
| | HP-CT-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.375" | 1-1/4" | 66 |
| | HP-CT-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.625" | 1-1/2" | 66 |
| | HP-CT-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.125" | 2" | 66 |
| | HP-CT-0250 | Slab and Wall Seal w/ Pipe Inserts | 2.625" | 2-1/2" | 66 |
| | HP-CT-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.125" | 3" | 66 |
| | HP-CT-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.125" | 4" | 66 |
| | HP-CT-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.125" | 6" | 66 |
| | HP-CH-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.38" | 2" | 66 |
| | HP-CH-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.50" | 3" | 67 |
| | HP-CH-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.50" | 4" | 67 |
| | HP-CI-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.90" | 1-1/2" | 67 |
| | HP-CI-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.30" | 2" | 67 |
| | HP-CI-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.30" | 3" | 67 |
| | HP-CI-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.30" | 4" | 67 |
| | HP-CI-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.30" | 6" | 67 |
| | HP-CX-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.90" | 1-1/2" | 67 |
| | HP-CX-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.35" | 2" | 67 |
| | HP-CX-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.35" | 3" | 67 |
| | HP-CX-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.38" | 4" | 67 |
| | HP-CX-0500 | Slab and Wall Seal w/ Pipe Inserts | 5.30" | 5" | 67 |
| | HP-CX-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.30" | 6" | 67 |
| | HP-ST-0050 | Slab and Wall Seal w/ Pipe Inserts | .840" | 1/2" | 67 |
| | HP-ST-0075 | Slab and Wall Seal w/ Pipe Inserts | 1.050" | 3/4" | 67 |
| | HP-ST-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.315" | 1" | 67 |
| | HP-ST-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.660" | 1-1/4" | 67 |
| | HP-ST-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.900" | 1-1/2" | 67 |
| | HP-ST-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.375" | 2" | 67 |
| | HP-ST-0250 | Slab and Wall Seal w/ Pipe Inserts | 2.875" | 2-1/2" | 67 |
| | HP-ST-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.50" | 3" | 67 |
| | HP-ST-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.5" | 4" | 67 |

Job Name

Co. Name

Address

Contact

Date

Estimate#

Phone

P.O. #

| Quantity | Model # | Product Type | Pipe O.D. | Size | Page No. |
|----------|--------------|-----------------------------------------|-------------|---------------------------|----------|
| | HP-ST-0600 | Slab and Wall Seal w/ Pipe Inserts | 6.625" | 6" | 67 |
| | HP-ET-0050 | Slab and Wall Seal w/ Pipe Inserts | 0.706" | 1/2" | 67 |
| | HP-ET-0075 | Slab and Wall Seal w/ Pipe Inserts | 0.922" | 3/4" | 67 |
| | HP-ET-0100 | Slab and Wall Seal w/ Pipe Inserts | 1.163" | 1" | 67 |
| | HP-ET-0125 | Slab and Wall Seal w/ Pipe Inserts | 1.51" | 1-1/4" | 67 |
| | HP-ET-0150 | Slab and Wall Seal w/ Pipe Inserts | 1.74' | 1-1/2" | 67 |
| | HP-ET-0200 | Slab and Wall Seal w/ Pipe Inserts | 2.197" | 2" | 67 |
| | HP-ET-0250 | Slab and Wall Seal w/ Pipe Inserts | 2.875" | 2-1/2" | 67 |
| | HP-ET-0300 | Slab and Wall Seal w/ Pipe Inserts | 3.5" | 3" | 67 |
| | HP-ET-0400 | Slab and Wall Seal w/ Pipe Inserts | 4.5" | 4" | 67 |
| | PS-NPMS-0200 | Nominal Pipe Body Seal | 2.375" | 2" | 67 |
| | PS-NPMS-0300 | Nominal Pipe Body Seal | 3.50" | 3" | 67 |
| | PS-NPMS-0400 | Nominal Pipe Body Seal | 4.50" | 4" | 67 |
| | PS-NPMS-0600 | Nominal Pipe Body Seal | 6.625" | 6" | 67 |
| | TB-NP-0200 | Cast-in-Place Tub Box | N/A | 1-1/2" | 63 |
| | TB-TW-0200 | Cast-in-Place Tub Box | N/A | 1-1/2" | 63 |
| | OPS-PL-0100 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 1" | 64 |
| | OPS-PL-0200 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 2" | 64 |
| | OPS-PL-0300 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 3 | 64 |
| | OPS-PL-0400 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 4 | 64 |
| | OPS-PL-0600 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 6 | 64 |
| | OPS-MT-0100 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 1 | 64 |
| | OPS-MT-0200 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 2 | 64 |
| | OPS-MT-0300 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 3 | 64 |
| | OPS-MT-0400 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 4 | 64 |
| | OPS-MT-0600 | Cast-In-Place Optional Pipe Size Sleeve | N/A | 6 | 64 |
| | PS-NPCF-0300 | Cast-in-Place Closet Flange Sleeves | 3.5" | 3" | 63 |
| | PS-NPCF-0400 | Cast-in-Place Closet Flange Sleeves | 4.5" | 4" | 63 |
| | PS-CICF-0300 | Cast-in-Place Closet Flange Sleeves | 3.30" | 3" | 63 |
| | PS-CICF-0400 | Cast-in-Place Closet Flange Sleeves | 4.30" | 4" | 63 |
| | PS-CXCF-0300 | Cast-in-Place Closet Flange Sleeves | 3.35" | 3" | 63 |
| | PS-CXCF-0400 | Cast-in-Place Closet Flange Sleeves | 4.38" | 4" | 63 |
| | PS-SD-0200 | Cast-in-Place Shower Drain Sleeves | 2.375" | 2" | 63 |
| | HM-DK-0200 | Cast-In-Place Drain Stand Kit | N/A | 2" | 64 |
| | HM-DK-0300 | Cast-In-Place Drain Stand Kit | N/A | 3" | 64 |
| | HM-DK-0400 | Cast-In-Place Drain Stand Kit | N/A | 4" | 64 |
| | AA-0304 | Recessed Fitting Box for Wood Form Deck | N/A | 3" or 4" | 67 |
| | AA-06 | Recessed Fitting Box for Wood Form Deck | N/A | 6" | 67 |
| Quantity | Model # | Product Type | Sleeve I.D. | Nominal Sleeve Riser Size | Page No. |
| | PS-LS-0300 | Cast-in-Place Line Set Sleeves | 3.75" | 3" | 64 |
| | PS-CS-0200 | Cast-in-Place Cable Sleeves | 2.626" | 2" | 64 |
| | PS-CS-0300 | Cast-in-Place Cable Sleeves | 3.75" | 3" | 64 |
| | CD-0125 | Corrugated Deck Concrete Sleeve | 1.53" | 1-1/4" | 65 |

| | | |
|----------|-----------|--------|
| Job Name | Date | P.O. # |
| Co. Name | Estimate# | |
| Address | | |
| Contact | Phone | |

| Quantity | Model # | Product Type | Sleeve I.D. | Nominal Sleeve Riser Size | Page No. |
|----------|---------|---------------------------------|-------------|---------------------------|----------|
| | CD-0200 | Corrugated Deck Concrete Sleeve | 2.19" | 2" | 65 |
| | CD-0300 | Corrugated Deck Concrete Sleeve | 3.33" | 3" | 65 |
| | CD-0400 | Corrugated Deck Concrete Sleeve | 4.28" | 4" | 65 |
| | CD-0500 | Corrugated Deck Concrete Sleeve | 5.22" | 5" | 65 |
| | CD-0600 | Corrugated Deck Concrete Sleeve | 6.22" | 6" | 65 |
| | CD-0800 | Corrugated Deck Concrete Sleeve | 8.21" | 8" | 65 |
| | WD-0125 | Wood Deck Concrete Sleeve | 1.53" | 1-1/4" | 65 |
| | WD-0200 | Wood Deck Concrete Sleeve | 2.19" | 2" | 65 |
| | WD-0300 | Wood Deck Concrete Sleeve | 3.33" | 3" | 65 |
| | WD-0400 | Wood Deck Concrete Sleeve | 4.28" | 4" | 65 |
| | WD-0500 | Wood Deck Concrete Sleeve | 5.22" | 5" | 65 |
| | WD-0600 | Wood Deck Concrete Sleeve | 6.22" | 6" | 65 |
| | WD-0800 | Wood Deck Concrete Sleeve | 8.21" | 8" | 65 |

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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