



The Right Connection®

Data Sheet

Push-Lock Hose Fittings

**Lok-On (Push-on Style) Hose Fittings:**

270-AT	Assembly Tool
271 ¹	Male Pipe Swivel
272	Male Pipe
272-SS	Male Pipe - Stainless Steel
273	90° Elbow, Male Pipe
274	Female Pipe
278	Female Swivel - Ball Seat
280 ³	Female Swivel - Gasket Seat
282	Male 45° SAE
284	Female Swivel 45° SAE
286	Male 37° JIC
287	Female Swivel 45° SAE / 37° JIC Dual Angle Seat
287-SS	Female Swivel 45° SAE / 37° JIC Dual Angle Seat – Stainless Steel
288	Female Swivel 37° JIC
288-SS	Female Swivel 37° JIC – Stainless Steel
289	Female Swivel 90° Elbow
290	Male Swivel SAE Inverted Flare
292	Female SAE Inverted Flare
294	Rigid Tube Shank
294-SS	Rigid Tube Shank - Stainless Steel
296	Hose Splicer
296-SS	Hose Splicer – Stainless Steel
572 ^{1,2}	Lok-on Male Garden Hose
574 ^{1,2}	Lok-on Female Garden Hose
575 ^{1,2}	Lok-on Female Garden Hose Set

Compliances:

- SAE J476, J512, J514, J516

Compatible Hoses:

- Eaton Aeroquip: 2556, 2565, 2575, FC647, FS332
- Eaton Weatherhead: H100, H101, H201
- Gates: LOL, Python
- Goodyear: Autogrip, Insta-Grip, Ultra-Grip
- Parker Hannifin: 801, 804, 821, 831, 836, B7

Materials:

- Brass – alloy 360 for straight fittings
- Brass – alloy 377 for forged elbows
- Brass – alloy CA2475 or C46400 for Lead Free Brass (parts ending in LF)
- Stainless steel – type 303
- Steel – 12L14 (plated)
- Cap – standard yellow plastic, optional brass cap
- Plating – optional electroless nickel

Performance:

- Working pressure – 350 PSI maximum (¹exceptions are 120 PSI for 271 series and 150 PSI for 572, 574 and 575 series)
- Operating temperature: -40 to +212°F (²except 195°F maximum temperature for 572, 574 and 575 series)
- Vacuum: not rated

Applications / Markets:

- Pneumatic service, most fluids, low pressure hydraulics and non-potable water service
- 280 series is not recommended for water due to fiber gaskets - for air service only³
- Parts ending in 'LF' are lead-free and are suitable for potable water

Strengths / Features:

- Do not use worm gear hose clamps or crimped ferrules.
- Full size range from 1/4" hose through 3/4" hose with some popular 1" products available
- 283 available products
- Special sizes, configurations and thread specifications available on request

Price Advantage:

- Stainless steel - substantial (>40%) vs. Parker Hannifin
- Brass cap option - substantial vs. Aeroquip

¹ exceptions are 120 PSI for 271 series and 150 PSI for 572, 574 and 575 series

² except 195°F maximum temperature for 572, 574 and 575 series

³ 280 series is not recommended for water due to fiber gasket - for air service only

**Dixon Brass**

ph 800.323.4440

fx 800.628.7259

customer.service@dixonbrass.com

dixonvalve.com