



Flame Retardant Hose & Cable Protection



Flame Retardant Version



Standard Version

Application:

Used in mining, quarrying, forestry, offshore industries and most hydraulic hose applications.

Features:

- crush and high abrasion resistance
- chemical and UV ray resistant
- self-lubricating to reduce hose wear
- easy to install on-site
- smooth radius on all edges
- can be used on single or multiple hose bundles
- spiral guard ID is equal to the guard at rest
- sold in coil lengths only

Flame Retardant Product

Features:

- approved by MSHA #1C-264/0
- tested to: AS 2600, AS1180.10B, AS 1180.13A
- flame retardant, self extinguishing, anti static
- temperature range: **-148°F to 262°F**, (-100°C to 128°C)
- color: black

| Nominal ID | Coil Length | OD Range (inches) | Flame Retardant Part # |
|------------|-------------|-------------------|------------------------|
| 1/2" | 66' | 1/2" to 5/8" | FRSGX16 |
| 5/8" | 66' | 5/8" to 7/8" | FRSGX20 |
| 3/4" | 66' | 7/8" to 1-1/16" | FRSGX25 |
| 15/16" | 66' | 1-1/16" to 1-1/4" | FRSGX32 |
| 1 1/4" | 66' | 1-1/4" to 1-5/8" | FRSGX40 |
| 1 1/2" | 66' | 1-5/8" to 2-1/8" | FRSGX50 |
| 1-15/16" | 66' | 2" to 2-1/2" | FRSGX63 |
| 2-3/8" | 66' | 2-1/2" to 3-1/4" | FRSGX75 |
| 2-5/8" | 66' | 3" to 6" | FRSGX90 |
| 3-3/16" | 33' | 6" plus | FRSGX110 |

Standard Product

Features:

- not flame retardant
- temperature range: **-40°F to 248°F**, (-40°C to 120°C)

| Nominal ID | Coil Length | OD Range (inches) | Standard Product Part # |
|------------|-------------|-------------------|-------------------------|
| 1/2" | 66' | 1/2" to 5/8" | NFSGX16 |
| 5/8" | 66' | 5/8" to 7/8" | NFSGX20 |
| 3/4" | 66' | 7/8" to 1-1/16" | NFSGX25 |
| 15/16" | 66' | 1-1/16" to 1-1/4" | NFSGX32 |
| 1 1/4" | 66' | 1-1/4" to 1-5/8" | NFSGX40 |
| 1 1/2" | 66' | 1-5/8" to 2-1/8" | NFSGX50 |
| 1-15/16" | 66' | 2" to 2-1/2" | NFSGX63 |
| 2-3/8" | 66' | 2-1/2" to 3-1/4" | NFSGX75 |
| 2-5/8" | 66' | 3" to 6" | NFSGX90 |
| 3-3/16" | 33' | 6" plus | NFSGX110 |

Fire Jackets for Hose

Application: Used to protect hose and hose assemblies, tubing, piping, wiring and cables from high temperatures or molten splash. Helps maintain line temperature and reduce environmental overheating or overcooling.



Features:

- compounded silicone rubber coating over fiberglass
- completely non-asbestos
- resistant to hydraulic fluids and lubricating oil
- sleeving slides easily over hose and expands to go over fittings
- color is iron oxide red
- supplied in 50' lengths
- temperature range: **-65°F to 500°F** (-54°C to 260°C)

| Nominal ID | Standard Product Part # |
|------------|-------------------------|
| 1/4" | 0610-4 |
| 3/8" | 1010-6 |
| 1/2" | 1310-8 |
| 5/8" | 1610-10 |
| 3/4" | 1910-12 |
| 7/8" | 2210-14 |
| 1" | 2510-16 |
| 1-1/4" | 3210-20 |
| 1-1/2" | 3810-24 |
| 1-3/4" | 4510-28 |
| 2" | 5110-32 |
| 2-1/2" | 6410-40 |
| 3" | 7610-48 |
| 4" | 10210-64 |

Fiberglass Sleeving

Features:

- Braided texturized fiberglass tubing provides thermal insulation protection in applications with service temperatures up to **1000°F (538°C)**.



- 1/16" wall thickness is braided from texturized E-glass filament yarns. The untreated tubing is flexible and expands to cover changing diameters.

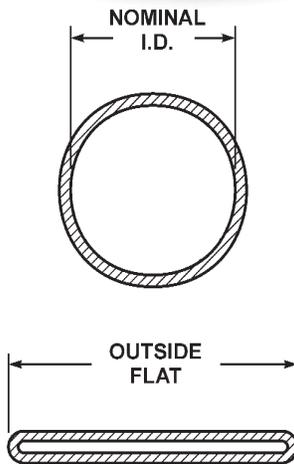
| Nominal ID | 100' rolls Part # | Nominal ID | 100' rolls Part # |
|------------|-------------------|------------|-------------------|
| 1/4" | LW04200 | 1-1/4" | LW20200 |
| 3/8" | LW06200 | 1-1/2" | LW24200 |
| 1/2" | LW08200 | 2" | LW32200 |
| 5/8" | LW10200 | 2-1/2" | LW40200 |
| 3/4" | LW12200 | 3" | LW48200 |
| 7/8" | LW14200 | 3-1/2" | LW56200 |
| 1" | LW16200 | 4" | LW64200 |

Protective Hose Coverings



Features:

- Woven nylon tubular sleeves are ideal for protecting the coverings on hydraulic and industrial hoses.
- MSHA accepted
- withstands temperature up to **275°F (135°C)**
- fully passes flammability tests
- tight weave of the seamless tubular sleeving helps dispense the flow of fluid in a ruptured hose



| Nominal ID | Outside Flat | 100' rolls Part # | 300' rolls Part # |
|------------|--------------|---------------------|---------------------|
| 0.90" | 1.50" | DHS90-100 | DHS90-300 |
| 1.00" | 1.66" | DHS100-100 | DHS100-300 |
| 1.13" | 1.88" | DHS106-100 | DHS106-300 |
| 1.25" | 2.13" | DHS122-100 | DHS122-300 |
| 1.46" | 2.25" | DHS138-100 | DHS138-300 |
| 1.42" | 2.50" | DHS142-100 | DHS142-300 |
| 1.58" | 2.75" | DHS159-1-100 | DHS159-1-300 |
| 1.78" | 2.88" | DHS175-100 | DHS175-300 |
| 1.91" | 3.00" | DHS181-100 | DHS181-300 |
| 2.18" | 3.63" | DHS219-100 | DHS219-300 |
| 2.38" | 3.88" | DHS238-100 | DHS238-300 |
| 2.65" | 4.25" | DHS263-100 | DHS263-300 |
| 2.86" | 4.75" | DHS288-100 | DHS288-300 |
| 3.65" | 5.88" | DHS366-100 | DHS366-300 |

Safety

Dixon's couplings and retention devices are designed to work safely for their intended use. The selection of the proper hose, coupling and retention device, and the proper application of the coupling to the hose are of utmost importance.

Users must consider the size, temperature, application, media, pressure and hose and coupling manufacturer's recommendations when selecting the proper hose assembly components. Dixon recommends that all hose assemblies be tested in accordance with the Association for Rubber Products Manufacturer's (ARPM) recommendations and be inspected regularly (before each use) to ensure that they are not damaged or have become loose. Visit ARPMINC.com for more information.

Where safety devices are integral to the coupling, they must be working and utilized. The use of supplementary safety devices such as safety clips or safety cables are recommended. If any problem is detected, couplings must be removed from service immediately. Dixon is available to consult, train and recommend the proper selection and application of all fittings we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Call 877.963.4966 or click dixonvalve.com to learn more.

Dixon

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