



Riser-Gard is a nonmetallic flexible raceway for use in Riser and General Purpose applications. Riser-Gard is UL Listed and is available with tape pre-installed.

Riser-Gard is listed to UL 2024 Standard for Riser Applications or optical fiber/communications raceways.

Riser-Gard is listed to UL 2024 in accordance with the National Electrical Code per Articles 725, 770, 800 and 820 for Riser, General Purpose, and other cabling optical fiber/telecommunication applications.

Riser-Gard is suitable for use in vertical runs in a shaft or between floors, as well as areas other than the plenum.

Important: Installed cables must be of suitable rating for the application.

Applications: Riser and General Purpose

Technical Info:

UL Listed to 2024	Test Method	Maximum Value
Maximum Flame Propagation	UL 2024	6.0 ft.
Maximum Air Temperature at 12 ft.	UL 2024	372°F

- Storage -4°F to 158°F
- Handling -4°F to 104°F
- No UV protection (not suitable for outdoor use)
- Do NOT store outside



Standard Stock – Reels

Size	Color	Part No.	Pull Tape	Reel Size	Reel Type	Reel length (ft.)	Reel Wt. (lbs.)	Product Wt. per 100 ft. (lbs.)
3/4"	Orange	DE4X1-1000	Empty	34" x 23"	W	1000	30	12
1"	Orange	DF4X1C-500R	900 lb.	43" x 23"	W	500	56	15
	Orange	DF4X1C-1000	900 lb.	48" x 28"	W	1000	79	15
	Orange	DF4X1C-1500	900 lb.	48" x 28"	W	1500	79	15
	Orange	DF4X1C-2700	900 lb.	48" x 45"	W	2700	96	15
	Orange	DF4X1C-5200	900 lb.	66" x 41"	W	5200	250	15
	Orange	DF4X1C-6500	900 lb.	72" x 41"	W	6500	310	15
	Orange	DF4X1C-7000	900 lb.	72" x 45"	S	7000	148	15
	Orange	DF4X1C-9400	900 lb.	84" x 45"	S	9400	199	15
1 1/4"	Orange	DG4X1C-900	900 lb.	48" x 28"	W	900	79	17
	Orange	DG4X1C-500R	900 lb.	48" x 23"	W	500	56	17
	Orange	DG4X1C-1500	900 lb.	48" x 45"	W	1500	96	17
	Orange	DG4X1C-1600	900 lb.	48" x 45"	W	1600	96	17
	Orange	DG4X1C-3200	900 lb.	66" x 41"	W	3200	250	17
	Orange	DG4X1C-4500	900 lb.	72" x 45"	S	4500	148	17
	Orange	DG4X1C-5600	900 lb.	82" x 41"	W	5600	365	17
	Orange	DG4X1C-6500	900 lb.	96" x 41"	S	6500	700	17
1 1/2"	Orange	DH4X1C-1200	900 lb.	48" x 45"	W	1200	96	22
	Orange	DH4X1C-4000	900 lb.	82" x 45"	S	400	193	22
	Orange	DH4X1C-4500	900 lb.	84" x 45"	S	4500	199	22
2"	Orange	DJ4X1C-700	900 lb.	48" x 45"	W	700	96	27
	Orange	DJ4X1C-2000	900 lb.	82" x 41"	W	200	265	27
	Orange	DJ4X1C-2800	900 lb.	84" x 45"	S	2800	199	27
3"	Orange	DL4X1C-750	900 lb.	72" x 41"	W	750	310	27

W = Wood
S = Steel

Features:

- For use in Riser and General Purpose areas per NEC Articles 725, 770, 800 and 820.
- Riser-Gard is also suitable for direct burial. Not approved for exposed applications.
NOTE: UL has not evaluated Riser-Gard for this application.
- UL Listed Raceway meeting UL 2024
- Available in sizes 3/4" through 3"
- Pull tape can be factory pre-installed in 1" through 3"
- Outside Diameters meet IPS Dimensions
- Footage sequentially marked

Standard Stock – Coils

Size	Color	Part No.	Pull Tape	Coil Length (ft.)	Product Wt. per 100 ft. (lbs.)
3/4"	Orange	DE4X1-350*	Empty	350	12
1"	Orange	DF4X1C-125	900 lb.	125	15
	Orange	DF4X1C-250*	900 lb.	250	15
	Orange	DF4X1-250	Empty	250	15
	Orange	DF4X1C-500	900 lb.	500	15
	Orange	DF4X1-250S*	Empty/Split	250	15
1 1/4"	Orange	DG4X1-200	Empty	200	17
	Orange	DG4X1-200S*	Empty/Split	200	17
	Orange	DG4X1C-200*	900 lb.	200	17
	Orange	DG4X1C-500	900 lb.	500	17
1 1/2"	Orange	DH4X1-150S	Empty/Split	150	22
	Orange	DH4X1C-150*	900 lb.	150	22
2"	Orange	DJ4X1-100S	Empty/Split	100	27
	Orange	DJ4X1C-100*	900 lb.	100	27
3"	Orange	DL4X1C-250	900 lb.	250	27

* Overnight Shippable

Specifications

Size	I.D. Min. Ref.	Min. O.D.	Max. O.D.	Min. Bend Radius
3/4"	.74	1.025	1.075	5"
1"	.98	1.290	1.340	6"
1-1/4"	1.31	1.640	1.690	8"
1-1/2"	1.54	1.880	1.930	10"
2"	2.00	2.350	2.400	12"
3"	3.00	3.422	3.452	18"

Custom Orders

How to Build a Part Number:						
Position 1 Product	Position 2 Size	Position 3 Configuration	Position 4 Wall	Position 5 Color	Position 6 Pull Line	Position 7 Length
D = Riser-Gard	E = 3/4" F = 1" G = 1-1/4" H = 1-1/2" J = 2" L = 3"	4 = Corrugated	X = Standard	1 = Orange 2 = Black 3 = Gray 4 = White 5 = Blue 7 = Yellow 8 = Red	C = 900 lb. Tape	Example -1000 = Feet -1000S = 1000 Feet Split

- Custom Orders are not returnable
- Custom lengths are available in minimum order quantities of 1000 ft.
- Custom color runs are available in minimum order quantities of 10,000 ft.

- Options:**
- Color: Black, Blue, Gray, Red, White and Yellow
 - Two, three, or four way parallel
 - Split Duct
 - Custom print line