

Carlton®

Riser-Gard® Raceway

01 Applications: Riser and general purpose

Riser-Gard is a non-metallic 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.

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

Standard stock – reels

Cat. No.	Size (in.)	Color	Pull Tape	Reel Size (F x W) (in.)	Reel type	Reel Length (ft.)	Reel Wt. (lbs.)	Reel Wt. Per 100 Ft. (lbs.)
DE4X1-1000	¾	Orange	Empty	34 x 23	Wood	1,000	30	12
DF4X1C-500R		Orange	900 lb.	43 x 23	Wood	500	56	15
DF4X1C-1000		Orange	900 lb.	48 x 28	Wood	1,000	79	15
DF4X1C-1500		Orange	900 lb.	48 x 28	Wood	1,500	79	15
DF4X1C-2700	1	Orange	900 lb.	48 x 45	Wood	2,700	96	15
DF4X1C-5200		Orange	900 lb.	66 x 41	Wood	5,200	250	15
DF4X1C-6500		Orange	900 lb.	72 x 41	Wood	6,500	310	15
DF4X1C-7000		Orange	900 lb.	72 x 45	Steel	7,000	148	15
DF4X1C-9400		Orange	900 lb.	84 x 45	Steel	9,400	199	15
DG4X1C-900		Orange	900 lb.	48 x 28	Wood	900	79	17
DG4X1C-500R		Orange	900 lb.	48 x 23	Wood	500	56	17
DG4X1C-1500		Orange	900 lb.	48 x 45	Wood	1,500	96	17
DG4X1C-1600	1¼	Orange	900 lb.	48 x 45	Wood	1,600	96	17
DG4X1C-3200		Orange	900 lb.	66 x 41	Wood	3,200	250	17
DG4X1C-4500		Orange	900 lb.	72 x 45	Steel	4,500	148	17
DG4X1C-5600		Orange	900 lb.	82 x 41	Wood	5,600	365	17
DG4X1C-6500		Orange	900 lb.	96 x 41	Steel	6,500	700	17
DH4X1C-1200		Orange	900 lb.	48 x 45	Wood	1,200	96	22
DH4X1C-4000	1½	Orange	900 lb.	82 x 45	Steel	400	193	22
DH4X1C-4500		Orange	900 lb.	84 x 45	Steel	4,500	199	22
DJ4X1C-700		Orange	900 lb.	48 x 45	Wood	700	96	27
DJ4X1C-2000	2	Orange	900 lb.	82 x 41	Wood	200	265	27
DJ4X1C-2800		Orange	900 lb.	84 x 45	Steel	2,800	199	27
DL4X1C-750	3	Orange	900 lb.	72 x 41	Wood	750	310	27



Technical Info

UL listed to 2024	Test method	Size (in.)
Maximum Flame Propagation	UL 2024	6.0 ft.
Maximum Air Temperature at 12 ft	UL 2024	0.15

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Carlton

Riser-Gard Raceway

Features and benefits:

- 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
 - UL® Listed raceway meeting UL 2024
- Available in sizes ¾" through 3"
 - Pull tape can be factory pre-installed in 1" through 3"
 - Outside diameters meet IPS dimensions
 - Footage sequentially marked

Standard stock – coils

Cat. No.	Size (in.)	Color	Pull Tape	Coil Length (ft.)	Product Wt. per 100 ft.(lbs.)
DE4X1-350*	¾	Orange	Empty	350	12
DF4X1C-125		Orange	900 lb.	125	15
DF4X1C-250*		Orange	900 lb.	250	15
DF4X1-250	1	Orange	Empty	250	15
DF4X1C-500		Orange	900 lb.	500	15
DF4X1-250S*		Orange	Empty/split	250	15
DG4X1-200		Orange	Empty	200	17
DG4X1-200S*	1¼	Orange	Empty/split	200	17
DG4X1C-200*		Orange	900 lb.	200	17
DG4X1C-500		Orange	900 lb.	500	17
DH4X1-150S	1½	Orange	Empty/split	150	22
DH4X1C-150*		Orange	900 lb.	150	22
DJ4X1-100S	2	Orange	Empty/split	100	27
DJ4X1C-100*		Orange	900 lb.	100	27
DL4X1C-250	3	Orange	900 lb.	250	27

* Overnight Shippable

Specifications

Size (in.)	I.D. Min. Ref. (in.)	Min. O.D. (in.)	Max. O.D. (in.)	Min. Bend Radius (in.)
¾	.74	1.025	1.075	5
1	.98	1.290	1.340	6
1¼	1.31	1.640	1.690	8
1½	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 are not returnable
 - Custom lengths are available in minimum order quantities of 1,000 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

Custom orders – how to build a part number:

Position 1 Product	Position 2 Size (in.)	Position 3 Type	Position 4 Wall	Position 5 Color	Position 6 Pull Line	Position 7 Length
D = Riser-Gard	E = ¾	4 = Corrugated	X = Standard	1 = Orange	C = 900 LB. Tape	Example
	F = 1			2 = Black		-1000 = Feet
	G = 1¼			3 = Gray		-1000S = 1000 Feet split
	H = 1½			4 = White		
	J = 2			5 = Blue		
	L = 3			7 = Yellow		
				8 = Red		