

Riser-Gard™

Product Overview

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

Riser-Gard™ is listed for Riser applications or optical fiber/telecommunication raceways.

Riser-Gard™ is listed for Riser, General Purpose and other cabling optical fiber/telecommunication applications. Riser-Gard™ is suitable for use in vertical runs in shaft or between floors, as well as areas other than the plenum.

Important:

Installed cables must be of suitable rating for the application.

Technical Information

UL Standard 2024	Maximum Value
Maximum Flame Propagation	6.0 ft.
Maximum Air Temperature at 12 ft.	189°C (372°F)

- Storage: -20°C to 70°C (-4°F to 158°F)
- Handling: -20°C to 40°C (-4°F to 104°F)
- No UV protection (not suitable for outdoor use)
- Do NOT store outside
- For use in Riser and General Purpose areas
- Riser-Gard™ is also suitable for poured concrete
- Not approved for exposed applications
- Available in sizes 3/4 in. through 3 in.



Applications: Riser and General Purpose.

- Pull tape can be factory pre-installed in 1 in. through 3 in.
- Outside diameters meet IPS dimensions
- Footage sequentially marked



Standard Stock - Reels

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

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Features

- Riser-Gard™ is also suitable for direct burial. Not approved for exposed applications.
- Available in sizes 3/4 in. through 3 in.
- Pull tape can be factory pre-installed in 1 in. through 3 in.
- Outside Diameters meet IPS Dimensions
- Footage sequentially marked

Standard Stock – Coils

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

Specifications

Size (in.)	I.D. Min. Ref. (in.)	Min. O.D. (in.)	Max. O.D. (in.)	Min. Bend Radius (in.)
3/4	0.74	1.025	1.075	5
1	0.98	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 Catalogue Number:						
Position 1 Product	Position 2 Size (in.)	Position 3 Configuration	Position 4 Wall	Position 5 Colour	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 = Grey 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 colour runs are available in minimum order quantities of 10,000 ft.

Options:

- Colour: Black, Blue, Grey, Red, White and Yellow
- Two, three or four way parallel
- Split Duct
- Custom print line

Riser-Gard™

Flexible Raceway Accessories

(Approved for low voltage use only)

Low Voltage Add-On Bracket



Low Voltage Adjustable Brackets



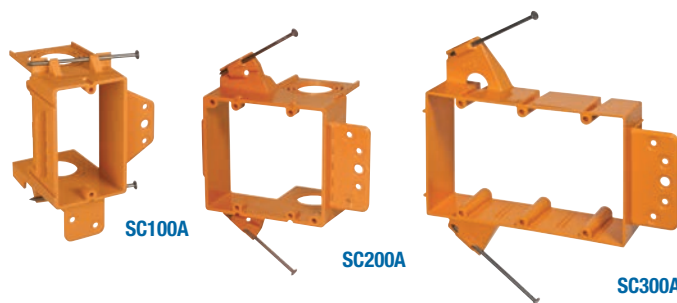
SC100ADJC

Cat. No.	Description	Std. Carton Quantity	Std. Ctn. Wt. (lb.)
SC100SC	1 gang	24	2.3

Cat. No.	Size	Std. Carton Quantity	Std. Ctn. Wt. (lb.)
SC100ADJC	1 gang	24	7.5
SC200ADJC	2 gang	20	6.9

Low Voltage Brackets

Cat. No.	Description	Resi-Rings (in.)	Std. Carton Quantity	Std. Ctn. Wt. (lb.)
SC100A	1 gang	3/4, 1, 1-1/4	24	5.3
SC200A	2 gang			7.7
SC300A	3 gang	—	5	1.6



SC100A

SC200A

SC300A

Cable Clips

Cat. No.	Size (in.)	Standard Order Quantity	Std. Ctn. Qty.	Std. Ctn. Wt. (lb.)
SC14CC	1/4	1 ea. (Equals one bag of 100 clips)	10 bags of 100	2.23
SC12CC	1/2	1 ea. (Equals one bag of 25 clips)	10 bags of 25	2.31
SC34CC	3/4	1 ea. (Equals one bag of 10 clips)	20 bags of 10	2.96

Carlson's cable clips with pre-installed nails provide fast and easy installation for either a single cable, 2-3 cables or 1 bundled cable.



SC34CC

SC12CC

SC14CC

Conduit Clamps



Note: Each clamp requires 2 screws, 2 nuts and/or 2 bolts.

Cat. No.	Size (in.)	Standard Order Quantity	Std. Carton Quantity	Std. Ctn. Wt. (lb.)
SCE977EC	3/4	1 ea. (Equals one bag of 5 clamps)	20 bags of 5	1.5
SCE977FC	1		12 bags of 5	1.3
SCE977GC	1-1/4		8 bags of 5	1.1
SCE977HC	1-1/2		6 bags of 5	1.0
SCE977JC	2		6 bags of 5	1.5

Carlson's orange conduit clamps are designed specifically for the installation of Resi-Gard™.