

## Plenum-Gard

### Product overview



#### Technical information

UL Standard 2024	Value
Maximum flame propagation	5 ft.
Max. peak optical smoke density	0.5
Max. average optical smoke density	0.15

#### 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)
CD4X1C-1500	½	Orange	200 lb	34 x 23	Wood	1,500	30	7
CE4X1-1000	¾	Orange	Empty	34 x 23	Wood	1,000	30	8
CE4X1-1000S	¾	Orange	Empty	34 x 23	Wood	1,000	30	8
CF4X1C-500	1	Orange	900 lb	34 x 23	Wood	500	30	10
CF4X1C-1000	1	Orange	900 lb	48 x 28	Wood	1,000	79	10
CF4X1C-1500	1	Orange	900 lb	48 x 28	Wood	1,500	79	10
CF4X1C-5200	1	Orange	900 lb	66 x 41	Wood	5,200	250	10
CF4X1C-6500	1	Orange	900 lb	72 x 41	Wood	6,500	310	10
CF4X1C-8000	1	Orange	900 lb	82 x 41	Wood	8,000	365	10
CG4X1C-500	1¼	Orange	900 lb	48 x 28	Wood	500	79	14
CG4X1C-900	1¼	Orange	900 lb	48 x 45	Wood	900	96	14
CG4X1C-1600	1¼	Orange	900 lb	48 x 45	Wood	1,600	96	14
CG4X1C-3200	1¼	Orange	900 lb	66 x 41	Wood	3,200	250	14
CG4X1C-6500	1¼	Orange	900 lb	96 x 41	Wood	6,500	700	14
CG4X1C-900S	1¼	Orange	Empty	48 x 28	Wood	900	79	14
CH4X1C-350	1½	Orange	900 lb	48 x 28	Wood	350	79	16
CH4X1C-1200	1½	Orange	900 lb	48 x 45	Wood	1,200	96	16
CH4X1C-4000	1½	Orange	900 lb	82 x 41	Wood	4,000	365	16
CJ4X1C-225	2	Orange	900 lb	48 x 28	Wood	225	79	21
CJ4X1C-700	2	Orange	900 lb	48 x 45	Wood	700	96	21
CJ4X1C-2000	2	Orange	900 lb	82 x 41	Wood	2,000	365	21
CJ4X1C-2800	2	Orange	900 lb	82 x 41	Wood	2,800	365	21
CL4X1C-150	3	Orange	900 lb	48 x 45	Wood	150	96	41

Plenum-Gard is a nonmetallic corrugated flexible conduit for use in plenum, riser and general purpose applications.

Plenum-Gard is manufactured from PVDF resin, which is extremely durable and resistant to abrasion and mechanical damage before/after installation.

Plenum-Gard is listed for plenum, riser, general purpose and other cabling optical fiber/telecommunication applications.

#### Applications:

Plenum, riser and general purpose.

#### Important:

Installed cables must be plenum rated.

- 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



## Plenum-Gard

### Features

- Sizes ½ in. through 3 in.
- Pre-installed pull tape available in sizes ½ 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)
CD4X1C-500	½	Orange	900 lb	500	7
CE4X1-350	¾	Orange	Empty	350	8
CE4X1-350S	¾	Orange	Empty/split	350	8
CF4X1C-100	1	Orange	900 lb	100	10
CF4X1-100S	1	Orange	Empty/split	100	10
CF4X1C-250	1	Orange	900 lb	250	10
CF4X1-250	1	Orange	Empty	250	10
CF4X1-250S	1	Orange	Empty/split	250	10
CG4X1C-200	1¼	Orange	900 lb	200	14
CG4X1-200S	1¼	Orange	Empty/split	200	14
CH4X1C-150	1½	Orange	900 lb	150	16
CH4X1-150S	1½	Orange	Empty/split	150	16
CJ4X1C-100	2	Orange	900 lb	100	21
CJ4X1-100S	2	Orange	Empty/split	100	21
CL4X1C-150	3	Orange	920 lb	150	24

### Specifications

Size (in.)	I.D. min. ref. (in.)	Min. O.D. (in.)	Max. O.D. (in.)	Min. bend radius (in.)
½	0.60	0.815	0.835	2
¾	0.74	1.025	1.045	2
1	1.00	1.292	1.312	3
1¼	1.35	1.630	1.650	3
1½	1.50	1.868	1.888	4
2	2.00	2.329	2.439	4
3	3.00	3.422	3.452	4

### How to build a catalogue number:

Position 1 product	Position 2 size (in.)	Position 3 type	Position 4 wall	Position 5 colour	Position 6 pull line	Position 7 length
C = Plenum-Gard	D = ½ E = ¾ F = 1 G = 1¼ H = 1½ 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 1,000 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