

# Carlton® Micro-Gard™ Plenum & Micro-Gard™ Riser

Carlton Micro-Gard Plenum and Micro-Gard Riser is specifically designed to provide fiber pathways in plenum and riser applications in Multi-Dwelling Units (MDUs) and other premise structures.

The 8/6 and 12/10 mm size conduits can be installed individually or used to optimize space in existing duct structures. And the small size significantly reduces the structural damage caused during pass-throughs.

Micro-Gard Plenum and Riser is UL Listed for plenum and riser applications. It's easy to handle, easy to install, and easy to conceal, thus making it the ideal MDU cable management system.

**Carlton Micro-Gard Plenum and Micro-Gard Riser. Small. Slick. Speedy. Ideal for Telecom Installs!**

## Features:

- **UL and c-UL Listed to UL 2024 for Plenum and Riser applications.**
- **Compliant with NEC Articles 725, 770, 800 and 820.**
- Two Sizes: 8/6mm and 12/10mm. The smaller sizes accommodate the size constraints of multi-dwelling units, and make installations faster and easier.
- Smooth interior wall eliminates snag points and provides low coefficient of friction regardless of whether jetting or pull-tape is used.
- Superior burn-through resistance for longer cable pulls.
- Pre-lubricated factory installed pull-tape makes installing cable faster and easier (option available for empty duct).
- Sequentially marked footage to easily identify lengths and reduce waste.
- Reel sizes from 1000 to 5000 feet for easy handling on the jobsite.
- Future-proofing raceway system for fast, easy wire/cable upgrades, changes, and moves.
- Used in cable bundles.



*Innovative Solutions For Wire and Cable Management*

Part No.	Size	Type	Color	Pre-Lubricated Factory Installed Tape	Min. Bend Radius (inches)*	Feet/Reel	Reel Size
MGP08MT-1000	8/6mm	Plenum	White	50 lb.	2"	1000	24"
MGP08MT-2500	8/6mm	Plenum	White	50 lb.	2"	2500	24"
MGP08MT-5000	8/6mm	Plenum	White	50 lb.	2"	5000	36"
MGP12MT-1000	12/10mm	Plenum	White	50 lb.	4"	1000	24"
MGP12MT-2500	12/10mm	Plenum	White	50 lb.	4"	2500	24"
MGP12MT-5000	12/10mm	Plenum	White	50 lb.	4"	5000	36"
MGR08JT-1000	8/6mm	Riser	Orange	50 lb.	2"	1000	24"
MGR08JT-2500	8/6mm	Riser	Orange	50 lb.	2"	2500	24"
MGR08JT-5000	8/6mm	Riser	Orange	50 lb.	2"	5000	36"
MGR12JT-1000	12/10mm	Riser	Orange	50 lb.	4"	1000	24"
MGR12JT-2500	12/10mm	Riser	Orange	50 lb.	4"	2500	24"
MGR12JT-5000	12/10mm	Riser	Orange	50 lb.	4"	5000	36"

\*IMPORTANT: Do not exceed the minimum bend radius during installation of the product.

## Micro-Gard™ Plenum Dimensions: Smooth O.D./Ribbed I.D.

Part No.	Outside Diameter		Wall		Inside Dia. (min.)			Std. Wt. (lb./100 ft.)
	inch	mm	inch	mm	inch	mm	# Ribs	
MGP12RMT	0.472 +/- 0.004	12 +/- 0.1	0.047 +0/-0.004	1 +0/-0.1	0.354	8.9	26	4.92
MGP08RMT	0.315 +/- 0.004	8 +/- 0.1	0.040 +0/-0.004	1 +0/-0.1	0.212	5.4	16	2.68

## Micro-Gard™ Riser Dimensions: Smooth O.D./Ribbed I.D.

Part No.	Outside Diameter		Wall		Inside Dia. (min.)			Std. Wt. (lb./100 ft.)
	inch	mm	inch	mm	inch	mm	# Ribs	
MGR12RJT	0.472 +/- 0.004	12 +/- 0.1	0.047 +0/-0.004	1 +0/-0.1	0.354	8.9	26	2.86
MGR08RJT	0.315 +/- 0.004	8 +/- 0.1	0.040 +0/-0.004	1 +0/-0.1	0.212	5.4	16	1.55

### How to Interpret a Part Number

Position 1 Product	Position 2 Type	Position 3 Size	Position 4 Color	Position 5 Pull Line	Position 6 Length
MG = Micro-Gard	P = Plenum R = Riser	08 = 8/6mm 12 = 12/10mm	J = Orange M = White	T = 200 lb. Tape	Example -1000 = Feet

**Carlon®**

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