

# Miniflex<sup>®</sup>

## Standalone - Riser Microduct



### Features & Benefits

- UL 2024 Riser Rated
- Low Smoke Zero Halogen (LSZH)
- Miniflex<sup>®</sup> technology
- Ultra low friction DVC lining
- High crush resistance
- Best-in-class push/pull and blow-ability
- Tough yet flexible with a small bend radius

#### Compatibility:

- Industry standard push-fit connectors
- All microduct, fiber and cables



UL 2024 Riser Communications Raceway File  
Number E306979



### Overview

PPC's Miniflex Riser Microduct is a microduct for the routing of optical fiber cable within buildings. It is manufactured with an industry-leading low-friction lining to assist with pulling, blowing and pushing methods of installing cables. The riser microduct fully conforms with the UL 2024 standard for a Riser Communications Raceway and can be used to route any Riser Rated fiber cable.

Miniflex Riser Microduct uses a flame retardant and LSZH polymer; suitable to use indoors. This high-grade polymer, blended with low smoke flame retardants, meets the crucial requirements for in-building use and conforms with the UL 2024 specification for Riser Communications Raceways.

It is a future-proof raceway that enables the fast deployment of fiber as and when it is required, using simple, cost-effective techniques.

### Applications

- FTTh/FTTx - Indoor
- Data Infrastructure
- Telecoms

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### Technical Data

#### Product Specifications

Material	OD <i>(mm)</i>	ID <i>(mm)</i>	Crush <i>(n)</i>	Tension <i>(n)</i>	Nominal Weight <i>lbs/kft</i>	Bend Radius	
						<i>Installed*</i>	<i>Installation**</i>
PEMX	8.0	5.5	400	250	16.3	20x OD	10x OD

\*This is the minimum radius to which the microduct should be subjected to once it is installed. This installed radius will make it easier to install the pre-connectorized Miniflex QuikPush<sup>®</sup> cable assemblies with pushable SC and LC connectors.

\*\*This is the bend radius that the microduct can temporarily be subjected to during the installation process. The final, installed bend radius should be as defined above.

#### Environmental Specification

Operating Temperature	Installation Temperature
<i>°C (°F)</i>	<i>°C (°F)</i>
-40 to 70 (-40 to 158)	-10 to 60 (14 to 140)

### Ordering Information

Part Number	Product Code	SKU Length <i>(ft)</i>	SKU Weight <i>(lbs)</i>	Reel Diameter <i>(mm)</i>	Reel Weight <i>(lbs)</i>	Reel Width <i>(mm)</i>
10-0003FT	MD-P-8-5.5-PE-WHT-V0-LSZH-3280FT	3280	77.0	750	14.3	400
10-0008FT	MD-P-8.0-5.5-PE-WHT-V0-LSZH-1000FT	1000	23.5	500	14.3	320

Specifications: ISO9001 Production, REACH, ROHS, Certificate of Origin