

# MiniFlex™ Plenum Microduct



The plenum microduct provides a protective pathway for cable installation within plenum air space locations. The product is made from highly flame retardant PVDF polymer and it is listed as a UL OFNP product. m2fx has a low friction and low static P-DVC™ liner specially developed to for easy pulling, blowing and pushing of fiber cable.

**Miniflex™ Plenum Microduct is UL approved for use with Plenum rated Fiber Cables and with Miniflex™ PBT Fiber Cable, providing good value and flexible fiberdeployment.**



## Standards Approval

- PPC plenum microduct is Listed to UL OFNP class QAZD (Field Assembled Optical Cable) when used with Miniflex™ 1-12 fiber PBT 3mm cable.
- Listing for UL OFNP class QAZM is pending (May 2013)
- We exceed the requirements of The FT4 Fire Test in Canada

## Advantages

- Ultra fire retardant
- Exceptionally low smoke evolution
- Features Miniflex™ technology
- Ultra tough
- Ultra low friction & low static P-DVC™ lining for easy install
- High crush resistance
- Class-leading push and blow ability
- Bend radius of 100mm

## Compatibility List

Miniflex™ Plenum Microduct is compatible with:

- Miniflex™ cable (PBT 3mm, 1-12f) and QuikPush PBT products
- Industry standard push fit microduct connectors
- Connects to all other microducts

## Installation

Typical push install lengths are 350 feet with 8 evenly distributed 90 degree bends at a radius of 4 inches. Pull lengths of up to 900 feet are also possible, depending on the route.

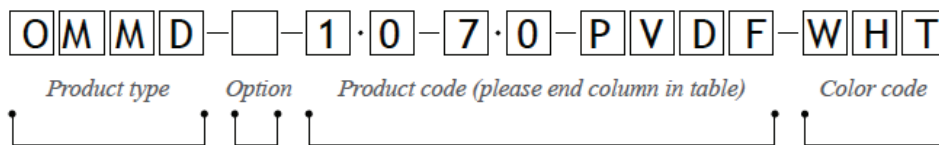
## Installation Applications

- In General Plenum Air Spaces (ceiling voids and false floors)

## Applications

- FTTH/FTTX - Indoor
- Telecoms
- Data Infrastructure
- Commercial FTTP
- Optical LANs, Fiber to the Desk

### Enquiry Information: Code Builder



**Product Type**

OMMD = Optical Fiber MiniFlex™ Microduct

**Option**

**Unique Product Code**

e.g. 1.0-7.0-PVDF  
(end column)

**Color Code**

(check availability)  
WHT = White

### Pre-fibered Drop Duct Product List

Material	OD	ID	Crush	Tension	Nominal Weight	Bend Radius	Bend Radius	Install Temp	Product Code
	(mm)	(mm)	(n)	(n)	(kg/km)	(Passive)	(Active)	(Celsius)	
PVDF*	10	7.0	1000	250	26.5**	10x OD	5x OD	-10 to +60	1.0-7.0-PVDF

\*with increased LOI and reduced smoke output

\*\*reel size 300 meters (1000 feet)

### Environmental Conditions:

Operating  
Temperature:  
-10°C / +60°C

### Contact

World Headquarters: 6176 E. Molloy Rd. East Syracuse, NY 13057 U.S.A.  
Email: customerservice@ppc-online.com Tel: +1 315-431-7200 Toll Free: 1-800-800-6652