

# TYPE PF



Plen-Flex® is a smoketight, liquidtight flexible metal tubing and is listed for use in plenums and other air-handling spaces. Often referred to as FMT.

Not available in coils or reels.  
Maximum stick length of 6 feet.

### CONSTRUCTION:

Plen-Flex is constructed from a steel strip that contains an extra coating of zinc galvanizing for added protection against corrosion. This strip is formed into a corrugated profile and is tightly interlocked to form a smoketight, airtight and liquidtight pliable tube that weighs about 40% less than FMC (Greenfield).

### APPLICATION:

This tubing is used to wire drop-in lighting fixtures and other equipment found in plenum ceilings and other air-handling areas. Because it is smoke-tight when installed with Type PFC fittings and gasketed junction boxes, it would prevent smoke and other products of combustion from escaping out of the raceway and into air-handling areas in the event of an electrical fire.

There is also no plastic jacketing material that might give off toxic gases or burn. The fact that the system is liquidtight means that it will not allow the entrance of moisture from sprinkler systems into its interior. It is intended to be installed in accordance with Article 360 of the NEC (ANSI/NFPA-70).

- Listed for containment of 1000 volts and lower potential circuits.
- For use in dry locations.
- In accessible locations when protected from physical damage or concealed, such as above suspended ceilings. See Article 300.22(c).
- In branch circuits.
- Listed for grounding per Article 250.118(8).
- Limited to six foot lengths. Article 360.12(6).

Listed—File #E80694

Approved for use by the City of Chicago.

RoHS and WEEE Compliant.

**METAL USED:** Steel



# CONNECTOR TYPE PFC



This patented one-piece zinc die-cast liquidtight connector is designed to screw into flexible metallic tubing (FMT). The end of the tubing embeds itself into the rubberized polymer gasket creating a smoke-tight seal as required by the NEC Article 360.40.

Listed—File #E80522

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Trade Size (In.)	Type	Actual Inside Diameter (In.)	Wt. (Lbs.)/100 Ft.	Min. Radii For Flexing Use NEC 360.24(a) (In.)	Min. Radii For Fixed Bends NEC 360.24(b) (In.)	Lengths Available (Ft.)	Thread Size (NPT) (In.)	Part #	Quantity Per Carton
<b>PF*</b>									
3/8	PF-10	1/2	12	10	3-1/2	3, 4, 5, 6	-	-	Consult Factory
1/2	PF-11	5/8	13	12-1/2	4	3, 4, 5, 6	-	-	Consult Factory
<b>PFC**</b>									
3/8	PFC-10	-	-	-	-	-	1/2	910883	Consult Factory
1/2	PFC-11	-	-	-	-	-	1/2	910885	Consult Factory

\* This item must use the Type PFC connector. \*\* This item is used with the Type PF flexible metallic tubing.