

FIRE-RATED ORANGE PIPE

ROUGIL. THE SOURCE FOR PLENUM & RISER RACEWAYS!

More sizes, and more flexible than any other! You can always count on Endot for the widest selection and easiest-to-use products. Whether you're looking for plenum or riser raceway, look for the Endot name to be sure you're getting the best available.

ENDOCOR/PL PLENUM RACEWAY & ENDOCOR/RI RISER RACEWAY

- Pre-installed pullline in all sizes.
- Super flexible -never brittle and will not kink.
- Available in lengths from small hand coils to master reels.
- Plenum & riser available in orange and white. Other colors available on Special Order.
- UL Listed.
- Meets requirements of NEC 2002, Section 770 and 800.
- Both are available in sizes: 1/2", 3/4", 1", 1 1/4", 1 1/2", and 2".
- Our plenum raceway is corrugated, non-metallic, and produced from PVDF resin.
- Our riser raceway is corrugated, non-metallic and non-halogenated.

SPECIFICATIONS

	PART NUMBER*	SIZE	NOMINAL ID	NOMINAL OD
NOMINAL DIMENSIONS*	IPR 050 / IRI 050	1/2"	0.650" ID	0.850" OD
	IPR 075 / IRI 075	3/4"	0.870" ID	1.125" OD
	IPR 100 / IRI 100	1"	1.100" ID	1.350" OD
	IPR 125 / IRI 125	1-1/4"	1.250" ID	1.600" OD
	IPR 150 / IRI 150	1-1/2"	1.500" ID	1.870" OD
	IPR 200 / IRI 200	2"	2.000" ID	2.400" OD
DESIGN	CORRUGATED - for flexibility			
MATERIAL	ENDOCOR/PL	PVDF resin		
	ENDOCOR/RI	Nylon resin		
PACKAGING	HAND COILS of 250 ft. & 500 ft. REEL LENGTHS of 1,000 ft. or longer			
PULL LINE or CABLE	Pre-installed Kevlar pull tape or cable (up to 7/16") in diameter			

*Partial Number - does not include reel, pull line, color etc. See Part Number Chart for complete part number.

ENDOCOR/PL

ACCEPTANCE CRITERIA	TEST METHOD	VALUE
UL STANDARD 2024 (UL Test 910)		
Maximum Flame Propagation	UL 2024 sec.8	1.50 ft.
Peak Optic Smoke Density	UL 2024 sec.8	0.06
Average Optic Smoke Density	UL 2024 sec.8	0.01
FIRE RESISTANCE		
Oxygen Index	ASTM D2863	63%
Flame Rating	ASTM D2863	S-E
UL Classification	UL 94	V-0
ELECTRICAL PROPERTIES		
Dielectric Strength	ASTM D149	541 V/mil
Dielectric Constant @ 5 MHz	ASTM D150	5.2

Note: The use of Plenum Raceway does not eliminate the need for Plenum rated cable.

ENDOCOR/PI

ACCEPTANCE CRITERIA	TEST METHOD	VALUE
UL STANDARD 2024 (UL Test 1666)		
Maximum Flame Propagation	UL 2024 sec.9	4.25 ft.
Maximum Damage Height	UL 2024 sec.9	6.75 ft.
MECHANICAL PROPERTIES		
Tensile Strength, Yield	ASTM D638	7,800 PSI
Flexural Strength	ASTM D790	9,200 PSI
THERMAL PROPERTIES		
Melting Point	ASTM D789	420° F

Note: The use of Plenum Raceway does not eliminate the need for Plenum rated cable.



Under Ground FOC Solution