

ENDOT INDUSTRIES

DUCT AND INNERDUCT

TECHNICAL SPECIFICATIONS

ZERO HALOGEN CONDUIT

Endot is pleased to announce **ENDOCOR RISER - ZERO HALOGEN CONDUIT**.

The **ENDOCOR RISER - ZERO HALOGEN CONDUIT** Series conduits are specifically designed for use in premise and rapid transit applications that require zero halogen content and flame retardance requirements.

To achieve flame retardance, many conduits utilize compounds that contain halogens such as chlorine and fluorine. In a fire, these compounds release an acid gas, which is extremely corrosive and potentially damaging to sensitive electronic equipment. The Endot **ENDOCOR RISER - ZERO HALOGEN CONDUIT** halogen free conduit system minimizes acid gas generation thus minimizing corrosivity for these sensitive applications.

In addition **ENDOCOR RISER - ZERO HALOGEN CONDUIT** is corrugated for the lowest pulling friction and greatest degree of flexibility and is available in either standard orange or white color (special colors available – minimum amounts may apply). A UL Listed pull line is standard in all sizes. **ENDOCOR RISER - ZERO HALOGEN CONDUIT** provides an easy method of cable installation and cable protection.

Applicable Specifications:

Product Name: Endocor RI, UL Listed Riser Raceway

Product Use: Conduit for Fiber Optic Cables used in Building wiring applications

Chemical Name Base Resin: Nylon 6 Copolymer Resin

Chemical Family: Natural Thermoplastic Nylon 6 Impact Modified Resin

Resin Producer: Allied Signal Corp.

Resin Trade Name: Capron

ACCEPTANCE CRITERIA	TEST METHOD	VALUE
UL STANDARD 2024 (UL TEST 1666)		
Maximum Flame Propagation Height	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 Modulus	ASTM D790	9,200 PSI
THERMAL PROPERTIES		
Melting Point	ASTM D789	420°F

ENDOCOR RISER - ZERO HALOGEN CONDUIT is available as a CORRUGATED conduit in sizes from ½ through 2”.

For a further information or a quotation please call 1-800-44 ENDOT (800-443-6368).

ENDOT INDUSTRIES, INC.

www.endot.com - e-mail info@endot.com – 800 443 6368 – FAX 973 625 4087
CORPORATE HEADQUARTERS: 60 Green Pond Road, Rockaway, NJ 07866
MID-WEST OPERATIONS: 739 County Road 1, South Point, OH 45680
OKLAHOMA OPERATIONS: Highway 69A, Pryor Creek, OK 747361
TENNESSEE OPERATIONS: 400 Bohannon Avenue, Greeneville, TN 37745

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ENDOCOR RISER - ZERO HALOGEN CONDUIT Zero Halogen Raceway

Specification Sheet

June, 2003

PART NO.	O.D.	I.D.
I RI 050	0.850" (2.16 cm)	0.650" (1.65 cm)
I RI 075	1.125" (2.86 cm)	0.850" (2.16 cm)
I RI 100	1.400" (3.56 cm)	1.050" (2.67 cm)
I RI 125	1.600" (4.06 cm)	1.250" (3.18 cm)
I RI 150	1.900" (4.83 cm)	1.500" (3.81 cm)
I RI 200	2.350" (5.97 cm)	1.900" (4.83 cm)

PART NUMBER CHART FOR ZERO HALOGEN RISER CONDUIT

TYPE	CLASS	Type of Innerduct	NOMINAL DIAMETER	REEL /COIL	TAPE/ROPE	COLOR
I	RI	= RISER INNERDUCT	050 = 1/2"	21 = WOOD 34"	17 = UL Listed 900# WK	2 = ORANGE
I	RS	= RISER SPLIT	075 = 3/4"	22 = WOOD 48"		7 = WHITE
			100 = 1"	23 = WOOD 78"		
			125 = 1 1/4"	24 = WOOD 84"		
			150 = 1 1/2"	41 = COIL		
			200 = 2"			
BOLD LETTER AND NUMBERS ARE THE PART NUMBER LIGHTER TYPE IS ONLY A DESCRIPTION						

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