

RT-3

Semirigid flame-retardant polyolefin tubing

Fax-on-Demand: (800) 260-9099
(650) 361-6523

FAX ID Description
2160 Data sheet

Before ordering check with
factory for most current data.



Applications

Suitable for wire strain-relief applications—soldered or crimped connections, wire splices, terminations. Well suited for use with semiautomated production equipment requiring tubing with a tightly controlled expanded diameter. Acts as a tough covering for delicate components; provides mechanical protection.

Operating Temperature Range

-55°C to 135°C

Features/Benefits

- 2.5:1 shrink ratio.
- Tightly controlled expanded diameters.
- High abrasion resistance.
- Semirigidity that transfers flex stress away from typically weak points such as solder and crimp joints, helping to ensure a reliable connection.
- Excellent chemical and solvent resistance.
- Outstanding physical and electrical performance.

Installation

Minimum shrink temperature: 110°C

Minimum full recovery temperature: 135°C

Specifications/Approvals



Series	UL	CSA	Raychem
RT-3	E35586 600 V, 125°C	LR31929 (black only) 600 V, 125°C	RW-3019

Product Dimensions (mm/in)

Size	Inside diameter		Wall thickness	
	Expanded as supplied	Maximum recovered after heating	Recovered after heating**	
No. 1	6.1 ±.4 (.240 ±.015)	2.4 (.095)	.79 ±.08 (.031 ±.003)	
No. 2	8.1 ±.4 (.320 ±.015)	3.2 (.125)	.79 ±.08 (.031 ±.003)	
No. 3	9.5 ±.5 (.375 ±.020)	3.8 (.150)	.79 ±.08 (.031 ±.003)	
No. 4	12.3 ±.5 (.485 ±.020)	5.1 (.200)	.79 ±.08 (.031 ±.003)	

**Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard Black (-0)
Size selection	Always order the largest size that will shrink snugly over the component to be covered. Special order sizes are available upon request.
Standard packaging	In 1-inch cut pieces or in 1.2-meter (4-foot) lengths.
Ordering description	Specify product name, size, and color (for example, RT-3 No. 1-0).