

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

**Before ordering check with  
factory for most current data.**

FAX ID	Description
2170	Data sheet
2171	RW-3017

## RT-375

Clear, flame-resistant, flexible fluoropolymer tubing

### Applications

Protects wire and cable markers subject to extreme abuse, while permitting full inspectability of each item covered. Provides bundling and jacketing of wires and cables, protecting them from mechanical and chemical abuse. Protects electronic components while permitting their identification and inspection.

### Operating Temperature Range

-55°C to 150°C

### Features/Benefits

- 2:1 shrink ratio.
- Exceptional clarity and clarity stability.
- Toughness, chemical resistance, and high-temperature performance.
- High flame-resistance.
- Approximately 40 percent thinner walls than most general purpose polyolefin tubings.
- Recommended maximum temperature for use as a primary insulator: 135°C.



### Installation

Minimum shrink temperature: 125°C

Minimum full recovery temperature: 150°C

### Specifications/Approvals



Series	UL	CSA	Military	Raychem
RT-375	E85381 VW-1 600 V, 150°C	LR31929 OFT 600 V, 125°C	MIL-DTL-23053/18*, Class 2	RW-3017

\*Formerly MIL-I-23053/18.

### Product Dimensions (mm/in)

Size	Inside diameter		Wall thickness Recovered after heating**	Size	Inside diameter		Wall thickness Recovered after heating**
	Minimum expanded as supplied	Maximum recovered after heating			Minimum expanded as supplied	Maximum recovered after heating	
3/64	1.2 (.046)	0.6 (.023)	.25 ±.05 (.010 ±.002)	1/4	6.4 (.250)	3.2 (.125)	.30 ±.08 (.012 ±.003)
1/16	1.6 (.063)	0.8 (.031)	.25 ±.05 (.010 ±.002)	3/8	9.5 (.375)	4.8 (.187)	.30 ±.08 (.012 ±.003)
3/32	2.4 (.093)	1.2 (.046)	.25 ±.05 (.010 ±.002)	1/2	12.7 (.500)	6.4 (.250)	.30 ±.08 (.012 ±.003)
1/8	3.2 (.125)	1.6 (.062)	.25 ±.05 (.010 ±.002)	3/4	19.1 (.750)	9.5 (.375)	.43 ±.08 (.017 ±.003)
3/16	4.8 (.187)	2.4 (.093)	.25 ±.05 (.010 ±.002)	1	25.4 (1.000)	12.7 (.500)	.48 ±.08 (.019 ±.003)

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

### Ordering Information

Color	Standard	Clear (-X)
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	On spools.	
Ordering description	Specify product name, size, and color (for example, RT-375 1/4-X).	