



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 and 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

Available in:	Americas	Europe	Asia Pacific
	■	■	■

Specifications/approvals				
Series	UL	CSA	Military	Raychem
RT-375	E85381 VW-1 600 V, 150°C	LR31929 VW-1 600 V, 150°C	AMS-DTL-23053/18*, Class 2	RT-375

*Formerly MIL-I-23053/18 and MIL-DTL-23053/18.

Fax-on-demand

US only (800) 260-9099

Outside US (650) 257-2301

Fax ID

2170

2171

Description

Data sheet

RT-375

Visit our website at www.tycoelectronics.com**Product dimensions (mm/in)**

Size	Inside diameter		Recovered wall thickness**
	Minimum expanded as supplied	Maximum recovered after heating	After heating
3/64	1.2 (0.046)	0.6 (0.023)	0.25 ± 0.05 (0.010 ± 0.002)
1/16	1.6 (0.063)	0.8 (0.031)	0.25 ± 0.05 (0.010 ± 0.002)
3/32	2.4 (0.093)	1.2 (0.046)	0.25 ± 0.05 (0.010 ± 0.002)
1/8	3.2 (0.125)	1.6 (0.062)	0.25 ± 0.05 (0.010 ± 0.002)
3/16	4.8 (0.187)	2.4 (0.093)	0.25 ± 0.05 (0.010 ± 0.002)
1/4	6.4 (0.250)	3.2 (0.125)	0.30 ± 0.08 (0.012 ± 0.003)
3/8	9.5 (0.375)	4.8 (0.187)	0.30 ± 0.08 (0.012 ± 0.003)
1/2	12.7 (0.500)	6.4 (0.250)	0.30 ± 0.08 (0.012 ± 0.003)
3/4	19.1 (0.750)	9.5 (0.375)	0.43 ± 0.08 (0.012 ± 0.003)
1	25.4 (1.000)	12.7 (0.500)	0.48 ± 0.08 (0.012 ± 0.003)

**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).

***Europe only. For supply to MIL, Def Stan and BS add -MS, -DS or -BS to ordering description.