

Protection for Wire Bundles, Connectors, Terminals and Splices



RW-175 Tubing

High temperature tubing with excellent chemical and abrasion resistance. All round general protection and insulation.



RW-175 Tubing

An extremely tough, high temperature, thin-wall insulation tubing. This transparent, non-burning, semi-rigid tubing has superior resistance to most industrial fuels, solvents and chemicals.

Designed for applications requiring strain relief at temperatures up to 175°C, this product is unusually tough in its resistance to abrasion and cut through.

Typical applications include high temperature applications, protection, strain relief, chemical resistance, mechanical and abrasion protection.

The natural rigidity of this material makes it suitable for automated installation via pick and place stations.

Benefits

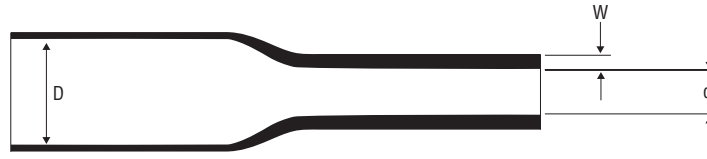
- Tough, semi-rigid, very thin-wall insulation
- High flame-resistance meeting the requirements of UL and CSA VW-1 rating
- High temperature performance
- Protection from most industrial solvents
- RoHS/ELV compliant

Protection for Wire Bundles, Connectors, Terminals and Splices

Product Features

RW-175 Tubing

- Continuous operating temperature from -55°C up to $+175^{\circ}\text{C}$
- Minimum shrink temperature: 155°C
- Minimum full recovery temperature: 175°C
- Flame retarded
- 2:1 shrink ratio

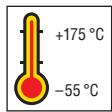


Product Dimensions

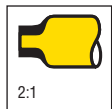
Size	Inside Diameter		Wall Thickness		Ordering Description
	D (min) Expanded as Supplied mm	d (max) Recovered after Heating mm	W (nom) Recovered after Heating mm		
3/64	1.2	0.6	0.25		RW-175-3/64-X
1/16	1.6	0.8	0.25		RW-175-1/16-X
3/32	2.4	1.2	0.27		RW-175-3/32-X
1/8	3.2	1.6	0.27		RW-175-1/8-X
3/16	4.8	2.4	0.27		RW-175-3/16-X
1/4	6.4	3.2	0.33		RW-175-1/4-X
3/8	9.5	4.8	0.33		RW-175-3/8-X
1/2	12.7	6.4	0.33		RW-175-1/2-X
3/4	19.0	9.5	0.43		RW-175-3/4-X
1	25.4	12.7	0.48		RW-175-1-X
1 1/2	38.1	19.1	0.51		RW-175-1 1/2-X
2	50.8	25.4	0.51		RW-175-2-X

Ordering Information

Colour	Standard Colour	Clear (X)			
	Non-Standard Colour	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.				
Ordering Description	Specify product name, size and colour (for example RW-175-1/4-colour)				
Specifications/Approvals	Series	UL	CSA	TE	
	RW-175	E35586VW-1 600 V, 150°C	LR31929VW-1 600 V, 150°C	RW-3029/1 RW-3029/2	



Operating Temperature Range



Shrinking Ratio



Shrink Temperature



Flame Retarded



Fluid Resistant



Canadian Standards Association



Underwriters Laboratories