

Rugged, Heavy Wall, Adhesive-Lined, Polyolefin Heat-Shrinkable Tubing

Product Facts

- Withstands mechanical abuse for increased product reliability
- Highly resistant to impact and abrasion
- Provides high level of strain relief when installed on splices and joints
- Resistant to chemicals, moisture and oils
- Provides a complete moisture-proof seal preventing corrosion of underlying components
- RoHS compliant

RHW



Applications

Rugged, heavy wall RHW tubing is specifically designed for insulating, protecting and sealing electrical connections and joints in low-voltage cables. The material used is both halogen-free and UV resistant. It provides splice insulation thickness equal to or greater than standard wire insulation manufactured to common industry standards.

RHW is a suitable choice for applications where maximum reliability, product performance and simplified insulation are required. Because RHW is heat-shrinkable, a minimum number of sizes are needed to cover a wide range of cables and splice diameters. This product is only available with a co-extruded layer of hot melt adhesive coating.

Installation

Minimum shrink temperature: 110°C [230°F]

Minimum full recovery temperature: 125°C [257°F]

Operating Temperature Range

-40°C to 110°C
[-40°F to 230°F]

Specifications/Approvals

Series	UL* c  us	Raychem
RHW	File E91151	RHW SCD

*Sizes 12/3 through 70/30 only.

Available in:

Americas

Europe

Asia Pacific

RHW (Continued)

Product Dimensions

Size	Inside Diameter		Recovered Wall Thickness**
	Minimum Expanded as Supplied	Maximum Recovered After Heating	Minimum Jacket Wall
12/3	12 [0.472]	3 [0.118]	2.0 [0.079]
16/4	16 [0.630]	4 [0.158]	2.4 [0.095]
24/6	24 [0.945]	6 [0.236]	2.7 [0.106]
34/8	33 [1.299]	8 [0.315]	4.0 [0.157]
48/12	48 [1.890]	12 [0.472]	4.5 [0.177]
56/16	56 [2.205]	16 [0.630]	4.4 [0.173]
70/20	70 [2.756]	20 [0.787]	4.4 [0.173]
90/25	90 [3.543]	25 [0.984]	4.3 [0.169]
110/30	110 [4.331]	30 [1.181]	4.3 [0.169]
130/55	130 [5.118]	35 [1.378]	4.3 [0.169]
160/50	160 [6.229]	50 [1.968]	4.3 [0.169]
180/50	180 [7.087]	50 [1.968]	4.3 [0.169]
200/50	200 [7.874]	50 [1.968]	4.3 [0.169]
250/65	250 [9.842]	65 [2.559]	4.3 [0.169]
320/95	320 [12.598]	95 [3.740]	4.3 [0.169]
390/110	390 [15.354]	110 [4.331]	4.3 [0.169]

**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 available upon request.	
Standard packaging	1200mm lengths.	
Marking	Tubing will be marked with product name, size and batch number.	
Ordering description	Specify product name, size, cut length (for example, RHW-12/3-1200/ADH-0).	