

RHW
Heat-Shrinkable, Heavy Wall, Polyolefin Tubing



Table 1: Dimensions

Size	Minimum Expanded I.D. (D)		Maximum Recovered I.D. (d)		Minimum Recovered Jacket Wall (W minus W1)		Nominal Recovered Adhesive Wall (W1)	
	In.	mm	In.	mm	in.	mm	In.	mm
12/3	.472	12	.118	3	.079	2.0	.010	.25
16/4	.630	16	.158	4	.095	2.4	.012	.30
24/6	.945	24	.236	6	.106	2.7	.014	.35
34/8	1.339	34	.315	8	.157	4.0	.014	.35
48/12	1.890	48	.472	12	.177	4.5	.016	.40
56/16	2.205	56	.630	16	.173	4.4	.016	.40
70/20	2.756	70	.787	20	.173	4.4	.016	.40
90/25	3.543	90	.984	25	.169	4.3	.016	.40
110/30	4.331	110	1.181	30	.169	4.3	.018	.45
130/35	5.118	130	1.378	35	.169	4.3	.018	.45
160/50	6.299	169	1.968	50	.169	4.3	.018	.45
180/50	7.087	180	1.968	50	.169	4.3	.020	.50
200/50	7.874	200	1.968	50	.169	4.3	.020	.50
250/65	9.842	250	2.559	65	.169	4.3	.020	.50
320/95	12.598	320	3.740	95	.169	4.3	.024	.60
390/110	15.354	390	4.331	110	.169	4.3	.024	.60

Material: The tubing shall be fabricated from a modified irradiated polyolefin compounded to produce a homogeneous, uniform product whose outside surface is essentially free from flaws, defects, pinholes, seams, cracks, or inclusions. The interior wall is coated with a thermoplastic adhesive.

Color: Black

Note: Only available with adhesive coating.

Raychem Tubing

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CUSTOMER DRAWING

		TE Connectivity 305 Constitution Drive Menlo Park, CA 94025 USA		Title: RHW Heat-Shrinkable, Heavy Wall, Polyolefin Tubing			
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Table 2: Properties

Property	Unit	Requirement	Test Method
Dimensions	Inch (mm)	Table 1	ASTM D2671
Tensile Strength	psi (MPa)	1750 minimum (12)	ASTM D2671
Ultimate Elongation	Percent	350 minimum	ASTM D2671
Longitudinal Change	Percent	+5 to -15 maximum	ASTM D2671
Specific Gravity		1.2 maximum	ASTM D792
Hardness	Shore D	40 - 60	ASTM D2240
Low Temperature Flexibility 4 hrs @ -40°C		No cracking	ASTM D2671
Heat Resistance 168 h @150°C followed by Ultimate Elongation	Percent	350 minimum	ASTM D2671
Fungus Growth		Rating of 1 or less	ASTM G21
ELECTRICAL			
Dielectric Strength	V/mil (kV/cm)	300 minimum (120)	ASTM D149
Volume Resistivity	Ohm-cm	1 X 10 ¹² minimum	ASTM D257
CHEMICAL			
Fluid Resistance 168 hrs @ 23°C Immersion in VDE 0370 oil followed by tests for:			ASTM D2671
Tensile Strength	psi	1450 minimum (10)	
Ultimate Elongation	Percent	300 minimum	
Corrosive Effect 16 hrs @ 150°C		Noncorrosive	ASTM D2671, Proc. A
Water Absorption 24 hrs @ 23°C	Percent	0.50 maximum	ASTM D570