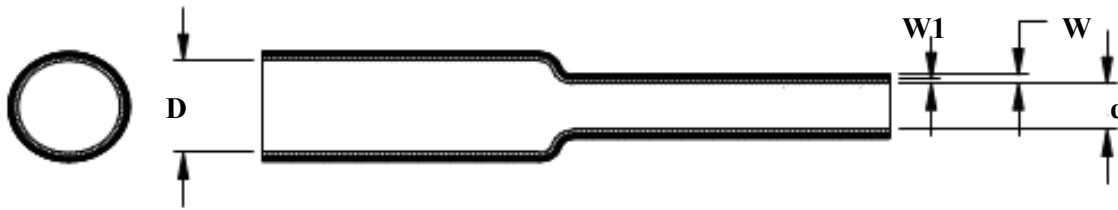


**RHW**  
Heat-Shrinkable, Heavy Wall, Polyolefin Tubing



**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
28/6	1.102	28	.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.

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Customer Drawing

		<b>Raychem Tubing</b>		Title: <b>RHW Heat-Shrinkable, Heavy Wall, Polyolefin Tubing</b>			
		TE Connectivity reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application		Document No : <b>RHW</b>			
Cage Code: 06090	Scale: None	Size: A	Rev. Date: 6-Nov-16	ECO Number: ECO-16-016154		Rev.: F	Sheet: 1 of 2

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## CUSTOMER DRAWING

**Table 2: Properties**

<b>Property</b>	<b>Unit</b>	<b>Requirement</b>	<b>Test Method</b>
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
<b>ELECTRICAL</b>			
Dielectric Strength	V/mil (kV/cm)	300 minimum (120)	ASTM D149
Volume Resistivity	Ohm-cm	1 X 10 <sup>12</sup> minimum	ASTM D257
<b>CHEMICAL</b>			
Fluid Resistance 168 hrs @ 23°C Immersion in VDE 0370 oil followed by tests for:			
Tensile Strength	psi	1450 minimum (10)	ASTM D2671
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

Rev. Date: 6-Nov-16	Rev.: F	Document No. <b>RHW</b>	Sheet: 2 of 2
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