



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RHW
Heat-Shrinkable, Heavy Wall, Polyolefin Tubing

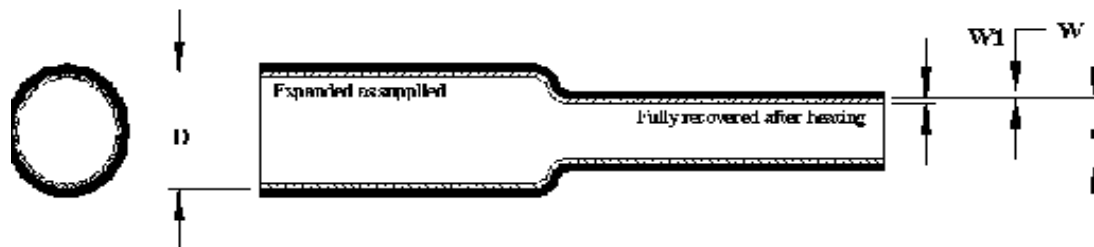


Table 1: Dimensions

Size	Minimum Expanded I.D. (D)		Maximum Recovered I.D. (d)		Nominal Recovered Jacket Wall (W)		Nominal Recovered Adhesive Wall (W)	
	In.	mm	In.	mm	in.	mm	In.	mm
9/3	.354	9	.118	3	.079	2.0	.010	.25
13/4	.512	13	.158	4	.094	2.4	.012	.30
20/6	.787	20	.236	6	.098	2.5	.014	.35
33/8	1.299	33	.315	8	.126	3.2	.014	.35
43/12	1.693	43	.472	12	.169	4.3	.016	.40
51/16	2.008	51	.630	16	.177	4.5	.016	.40
70/21	2.756	70	.827	21	.173	4.4	.016	.40
85/25	3.346	85	.984	25	.169	4.3	.016	.40
105/30	4.134	105	1.181	30	.169	4.3	.018	.45
130/36	5.118	130	1.417	36	.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

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.

CUSTOMER DRAWING

	TE Connectivity 300 Constitution Drive Menlo Park, CA 94025 USA		Raychem Tubing	Title: RHW Heat-Shrinkable, Heavy Wall, Polyolefin Tubing		
	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 : RHW		
Cage Code: 06090	Scale: None	Size: A	Rev. Date: 15-Apr-11	Rev.: D1	Sheet: 1 of 2	

CUSTOMER DRAWING

Table 2: Properties

Property	Unit	Requirement	Test Method
Dimensions	Inch (mm)	Table 1	ASTM D412
Tensile Strength	PSI (MPa)	1750 minimum (12)	ASTM D412
Ultimate Elongation	Percent	350 minimum	ASTM D412
Longitudinal Change	Percent	+5 to -15 maximum	ASTM D792
Specific Gravity		1.2 maximum	ASTM D792
Hardness	Shore D	40-60	ASTM D2240
Low Temperature Flexibility 4 hrs @ -55°C		No cracking	ASTM D2671
Heat Resistance 168 h @150°C followed by Ult. Elongation	Percent	350 minimum	ASTM D2671
ELECTRICAL			
Dielectric Strength	V/mil (kV/cm)	300 minimum (120)	ASTM D149
Dielectric Withstand 2200 V for 1 minute	Volt/Minute	No Breakdown	UL 486D
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:			
Tensile Strength	PSI	80% of original minimum	ASTM D2671
Elongation	Percent	80% of original minimum	
Corrosive Effect 16 hrs @ 150°C		Non Corrosive	ASTM D2671, Proc. A
Water Absorption 24 hrs @ 23°C	Percent	0.10 maximum	ASTM D570
ADHESIVE			
Softening point	°C	90+/-10	ASTM E28
Adhesive Peel Strength - Tubing to copper - Tubing to polyethylene	PLI PLI	10 minimum 10 minimum	ASTM DI000
Adhesive shear - AL to AL	PSI	150 minimum	ASTM D1002
Water absorption	Percent	0.5 maximum	ASTM D570
Corrosive Effect 16 hrs @ 121°C		Non Corrosive	ASTM D2671 See 79, Proc, A

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Print Date: 18-Apr-11 If this document is printed it becomes uncontrolled. Check for the latest revision.