



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!



## Contact us

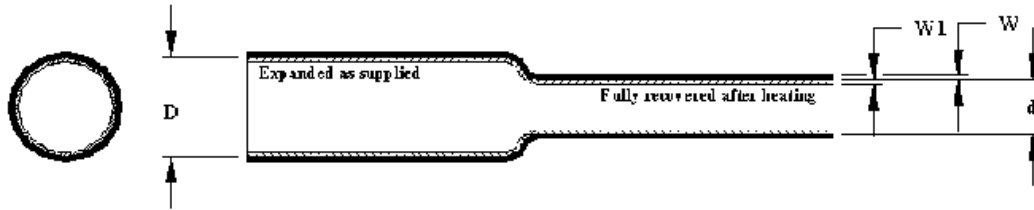
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**RMW  
Heat-Shrinkable, Medium Wall, Polyolefin Tubing**



**Table 1: Dimensions**

Size	Minimum Expanded I.D. (D)		Maximum Recovered I.D. (d)		Nominal Recovered Jacket Wall (W)		Nominal Recovered Adhesive Wall (W1)	
	in.	mm.	in.	mm.	in.	mm.	in.	mm.
10/3	.394	10	.118	3	.039	1.0	.010	.25
16/5	.630	16	.197	5	.055	1.4	.012	.30
25/8	.984	25	.315	8	.079	2.0	.014	.35
35/12	1.378	35	.472	12	.079	2.0	.014	.35
50/16	1.968	50	.630	16	.079	2.0	.014	.35
63/19	2.480	63	.748	19	.095	2.4	.016	.40
75/22	2.953	75	.866	22	.106	2.7	.016	.40
85/25	3.346	85	.984	25	.110	2.8	.016	.40
95/29	3.740	95	1.142	29	.122	3.1	.018	.45
115/34	4.527	115	1.339	34	.122	3.1	.018	.45
140/42	5.512	140	1.654	42	.122	3.1	.018	.45
160/50	6.300	160	1.968	50	.126	3.2	.020	.50
180/60	7.087	180	2.362	60	.126	3.2	.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, of inclusions. The interior is coated with a thermoplastic adhesive.

**Color:** Black

**Note:** Available as an option without adhesive.

**Table 2: Properties**

Property	Unit	Requirement	Test Method
Dimensions	Inch (mm)	Table I	ASTM D412
Tensile Strength	PSI (MPa)	2000 minimum (14)	ASTM D412
Ultimate Elongation	Percent	350 minimum	ASTM D412
Longitudinal Change	Percent	+5 to - 15 maximum	ASTM D2671
Specific Gravity		1.2 maximum	ASTM D792
Hardness	Shore D	50-70	ASTM D2240
Low Temperature Flexibility, (4h at -55°C)		No cracking	ASTM D2671
Heat Resistance (168h, 150°C) followed by Ult. Elongation %	Percent	300 minimum	ASTM D2671
<b>ELECTRICAL</b>			
Dielectric Strength	V/mil (kV/cm)	500 minimum (200)	ASTM D149
Volume Resistivity	Ohm-cm	$1 \times 10^{12}$ minimum	ASTM D257
<b>CHEMICAL</b>			
Fluid Resistance 168 hrs @ 23C Immersion in VDE 0370 oil followed by tests for Tensile Strength			ASTM D2671
Elongation	PSI	85% of original minimum	
	Percent	85% of original minimum	
Corrosive Effect 16 hrs @ 150C		Non Corrosive	ASTM D267 1, Proc. A
Fungus Resistance		1 or less	ASTM G21
Water Absorption, % uptake 24 hrs @ 23C	Percent	0.25% maximum	ASTM D570
<b>ADHESIVE</b>			
Softening point	°C	90+/-10	ASTM E28
Adhesive Peel Strength - Tubing to copper - Tubing to polyethylene	PLI	10 10	ASTM D1000
Adhesive shear - AL to AL	PSI	150	ASTM D1002
Water absorption	Percent maximum	0.5	ASTM D570
Corrosive Effect, 16 hrs @ 121C		Non Corrosive	ASTM D2671 Sec 79, Proc, A