

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

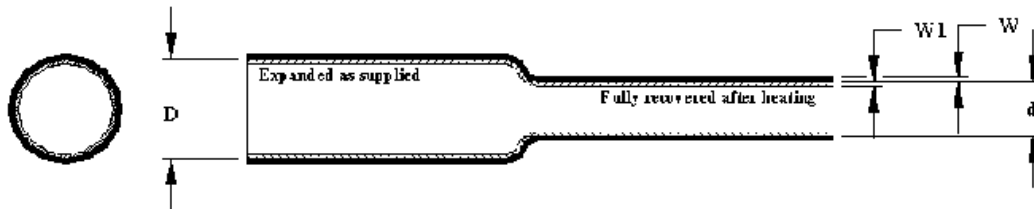


Table 1: Dimensions

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
ELECTRICAL			
Dielectric Strength	V/mil (kV/cm)	500 minimum (200)	ASTM D149
Volume Resistivity	Ohm-cm	1×10^{12} minimum	ASTM D257
CHEMICAL			
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
ADHESIVE			
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