

Cross Reference	
MWTW, BSTS, SST-M	Raychem/Tyco
CFM	DSG-Canusa



UPMW

UNION POLYMER MEDIUM WALL POLYOLEFIN



Heat shrink ratio: 3 to 1

High resistance to impact and abrasion

For a variety of electrical/mechanical applications

FEATURES AND APPLICATIONS

- Medium wall cross linked polyolefin ideal for low voltage strain relief and mechanical application
- Wide shrinkage range makes it easy to apply where there are large diameter differences
- No adhesive, easy to remove
- Standard color: Black and Red, other colors are available on request
- Halogen free, RoHS compliant
- Operating temperature: -55°C to 105°C
- Shrink temperature: 125°C

DIMENSIONS (HEAT SHRINK RATIO 3:1)

Product Order Number	Internal Diameter As Supplied		Internal Diameter Recovered		Wall Thickness (Nominal) Recovered	
	inch	mm	inch	mm	inch	mm
UPMW-0400-12/4	0.47	12.0	0.16	4.0	0.08	2.0
UPMW-0750-19/6	0.75	19.0	0.24	6.0	0.08	2.0
UPMW-1100-28/6	1.10	28.0	0.24	6.0	0.09	2.4
UPMW-1300-33/8	1.30	33.0	0.31	8.0	0.09	2.4
UPMW-1500-40/12	1.57	40.0	0.47	12.0	0.09	2.4
UPMW-1700-45/13	1.77	45.0	0.51	13.0	0.10	2.5
UPMW-2150-55/16	2.17	55.0	0.63	16.0	0.10	2.5
UPMW-2500-65/19	2.56	65.0	0.75	19.0	0.10	2.5
UPMW-2950-75/22	2.95	75.0	0.87	22.0	0.10	2.5
UPMW-3300-85/25	3.35	85.0	0.98	25.0	0.11	2.7
UPMW-3700-95/29	3.74	95.0	1.14	29.0	0.11	2.7
UPMW-4500-115/34	4.53	115.0	1.34	34.0	0.12	3.0
UPMW-6300-160/50	6.30	160.0	1.97	50.0	0.12	3.0
UPMW-7000-180/50	7.09	180.0	1.97	50.0	0.12	3.0
UPMW-9250-235/65	9.25	235.0	2.56	65.0	0.13	3.3

Standard length: 4 FT (1.22 meter). Customized lengths are available on request.

TECHNICAL DATA

	Property	Test method	Values
Physical	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥400%
Aging (158°C/168hrs)	Tensile strength	ASTM D2671	≥12 MPa
	Breakdown elongation	ASTM D2671	≥350%
	Water absorption	ASTM D570	≤0.5%
	Density	ASTM D2671	1.05~1.10
	Low temperature flexibility (-55°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow
	Hardness (Shore D)	ASTM D2671	48HD
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	15 KV/mm
Chemical	Fungus resistance	ASTM G21	No growth
	Copper corrosion	ASTM D2671	No corrosion

ORDERING

Please specify:

- (1) Product Order Number
- (2) Color
- (3) Length
- (4) Quantity in pieces, and
- (5) Printing options (Standard Union Polymer mark, Customized mark, or Unprinted)

Order Example: UPMW-1500-40/12, Black, 4 FT, 3000 pieces, Unprinted

Once a purchase order is received

Order confirmation will be sent from Union Polymer within 12 hours

All in-stock products will be shipped from our Ohio warehouse within 48 hours