

UPMWB

UNION POLYMER MEDIUM WALL HEAT SHRINK POLYOLEFIN FOR U-BOLT



Heat shrink ratio > 3:1

Medium wall cross-linked polyolefin

Corrosion Protection between U-bolts and pipes

FEATURES AND APPLICATIONS

- Cross-linked polyolefin material provides the right combination of hardness and durability to protect pipes through refineries, chemical plants, offshore platforms, and etc.
- Smooth and highly reliable shrunk over the shank of the U-bolt, not affected by heat, ultra-violet rays, vibration, sandblasting or other conditions pertaining to an industrial environment
- Standard color: Black
- Available in 3/4", 1" and 1.5" sizes; Other dimensions are available on request
- Operating temperature: -55°C to 105°C; Shrink temperature: 125°C

DIMENSIONS

Product Order Number	Internal Diameter As Supplied		Internal Diameter Recovered		Wall Thickness (Nominal) Recovered	
	inch	mm	inch	mm	inch	mm
0750	0.75	19.0	0.24	6.0	0.07	2.0
1100	1.10	28.0	0.31	8.0	0.07	2.0
1500	1.50	38.0	0.47	12.0	0.10	2.5

Standard package: 50 ft on a spool.

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 (23°C/336hrs)	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	≥ 48 HD
Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥15 KV/mm

ORDER Please specify Product Order Number and Quantity.