

UPHFTW-A

UNION POLYMER HIGH FLOW THIN WALL POLYOLEFIN - ADHESIVE LINED



Heat shrink ratio 3:1 & 4:1

Very active and free flowing adhesive

Specifically designed for sealing multiple wires

FEATURES AND APPLICATIONS

- Cross-linked flexible, flame-retardant polyolefin outer layer
- Very active and free flowing adhesive provides complete sealing
- High shrink ratio makes it convenient to apply where there are large diameter differences
- Standard color: Black; Other colors are available on request
- Operating temperature: -40°C to 125°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
Heat Shrink Ratio 3:1						
0125	1/8	3.2	0.040	1.0	0.039	1.0
0187	3/16	4.8	0.060	1.6	0.039	1.0
0250	1/4	6.4	0.080	2.0	0.039	1.0
0375	3/8	9.5	0.125	3.2	0.055	1.4
0500	1/2	12.7	0.160	4.1	0.066	1.7
0750	3/4	19.1	0.250	6.4	0.070	1.8
1000	1	25.4	0.320	8.1	0.086	2.2
Heat Shrink Ratio: 4:1						
4/1	0.156	4.0	0.039	1.0	0.039	1.0
6.0/1.5	0.234	6.0	0.058	1.5	0.039	1.0
8/2	0.312	8.0	0.078	2.0	0.039	1.0
12/3	0.468	12.0	0.117	3.0	0.055	1.4
16/4	0.624	16.0	0.156	4.0	0.066	1.7
20/5	0.787	20.0	0.197	5.0	0.071	1.8
24/6	0.936	24.0	0.234	6.0	0.085	2.2

Standard package: On spool or 4 FT stick. Customized packages are available on request.

TECHNICAL DATA

	Property	Test Method	Values
Physical	Tensile strength	UL 224	≥ 10.4 MPa
	Breakdown elongation	UL 224	≥ 300%
Aging (158°C/168 hrs)	Tensile strength	UL 224	≥ 7.3 Mpa
	Breakdown elongation	UL 224	≥ 100%
	Water absorption	ASTM D570	≤ 0.5%
	Low temperature flexibility (-40°C/4hrs)	ASTM D2671	No cracking
	Heat shock (200°C/4 hrs)	ASTM D2671	No drop, no flow (outer layer only)
Electrical	Volume resistivity	ASTM D2671	≥ 10 ¹⁴ Ω.cm
	Dielectric strength (2500V AC/60s)	UL 224	pass
Chemical	Flammability (outer layer only)	UL 224	VW-1
	Copper corrosion (158°C/168hrs)	UL 224	Pass

ORDERING

Please specify: (1) Product Name (2) Heat shrink ratio (3) Dimension, (4) Color, (5) Quantity, and
(6) Printing options (Standard Union Polymer mark, Customized mark, or Unprinted)

Order Example: UPHFTW-A, heat shrink ratio 3:1, 0500 (1/2"), Black, 30,000 FT, 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