

Cross Reference	
HRHT, HRSR	Raychem/Tyco
CFHR	DSG-Canusa



UPHR601-A

UNION POLYMER HIGH RATIO POLYOLEFIN - ADHESIVE LINED





Heat shrink ratio: 6 to 1

Cross-linked polyolefin, Adhesive-lined

Suitable for applications with extreme diameter differences

FEATURES AND APPLICATIONS

- Heavy wall semi-rigid cross linked polyolefin
- Heat shrink ratio: 6 to 1, accommodating extreme diameter differences between cable, connectors and components
- Adhesive liner for complete environmental protection and insulation
- Standard color: Black
- Operating temperature: -55°C to 105°C
- Shrink temperature: 135°C

DIMENSIONS (HEAT SHRINK RATIO 6:1)

Product Order Number	Internal Diameter As Supplied		Internal Diameter Recovered		Wall Thickness (Nominal) Recovered	
	inch	mm	inch	mm	inch	mm
UPHR601-A-0750-19/3.2	0.75	19.0	0.12	3.2	0.12	3.2
UPHR601-A-1300-33/5.5	1.30	33.0	0.22	5.5	0.13	3.4
UPHR601-A-1750-44.4/7.4	1.75	44.4	0.30	7.4	0.14	3.6
UPHR601-A-2000-50.8/8.3	2.00	50.8	0.33	8.3	0.17	4.3
UPHR601-A-2750-69.8/11.7	2.75	69.8	0.46	11.7	0.19	4.8
UPHR601-A-3500-88.9/17.1	3.50	88.9	0.67	17.1	0.19	4.8
UPHR601-A-4700-119.4/22.9	4.70	119.4	0.90	22.9	0.19	4.8

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

TECHNICAL DATA

	Property	Test method	Values	
Physical	Tensile strength	ASTM D2671	≥14 MPa	
	Breakdown elongation	ASTM D2671	≥600%	
	Aging (158°C/168hrs)	Tensile strength	ASTM D2671	≥14 MPa
		Breakdown elongation	ASTM D2671	≥400%
	Water absorption	ASTM D570	≤0.3%	
	Density	ASTM D2671	0.95~1.05	
	Low temperature flexibility(-55°C/4hrs)	ASTM D2671	No cracking	
	Heat shock (200°C/4hrs)	ASTM D2671	No drop, No flow (outer layer only)	
	Hardness (Shore D)	ASTM D2671	≥42 HD	
	Adhesive softening point	ASTM E28	≥85°C	
	Adhesive peel strength to XLPE	ASTM D2671	110N/25cm	
	Adhesive peel strength to steel	ASTM D2671	80 N/25cm	
	Electrical	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
		Dielectric strength	ASTM D2671	≥15 KV/mm

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: UPHR601-A-1300-33/5.5, Black, 4 FT, 1000 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