

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



UPHR601FR-A

UNION POLYMER HIGH RATIO FLAME RETARDANT POLYOLEFIN - ADHESIVE LINED



Heat shrink ratio: 6 to 1

High resistance to impact and abrasion

Suitable for applications with extreme diameter differences

FEATURES AND APPLICATIONS

- Heavy wall semi-rigid cross linked polyolefin
- Ideal for insulating and protecting irregularly shaped cables, connectors and components
- Flame retardant, adhesive lined
- 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
0750	0.75	19.0	0.12	3.2	0.12	3.2
1300	1.30	33.0	0.22	5.5	0.13	3.4
1750	1.75	45.0	0.30	7.5	0.14	3.6
2150	2.15	55.0	0.36	9.2	0.19	5.0
2600	2.60	66.0	0.43	11.0	0.21	5.5
3000	3.00	76.0	0.50	12.7	0.21	5.5
3500	3.50	88.9	0.67	17.1	0.21	5.5
4500	4.50	115.0	0.75	19.2	0.21	5.5
6300	6.30	160.0	1.05	26.6	0.21	5.5
7000	7.00	178.0	1.16	29.6	0.23	6.0
9250	9.25	235.0	1.57	40.0	0.23	6.0

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

TECHNICAL DATA

	Property	Test method	Values
Physical Aging (158°C/168hrs)	Tensile strength	ASTM D2671	≥14 MPa
	Breakdown elongation	ASTM D2671	≥600%
	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
	Volume resistivity	ASTM D2671	≥10 ¹⁴ Ω.cm
	Dielectric strength	ASTM D2671	≥15 KV/mm

ORDERING

Please specify:

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

Order Example: UPHR601FR-A, 1750, Black, 4 FT, 200 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