

CFHR

High ratio heat shrinkable tubing accommodates extreme differences between cables, connectors and backshells

Features

- 6:1 Shrink ratio
- Accommodates a wide variety of connector shapes and configurations
- Optional thermoplastic adhesive liner for complete environmental protection and insulation
- Continuous Operating Temperature: -55°C to 110°C
- Shrink Temperature: 120°C



Dimensions

ORDER REF. NO.	EXPANDED		RECOVERED		DELIVERY UNITS
	INTERNAL DIAMETER (MIN) D		INTERNAL DIAMETER (MAX) D	WALL THICKNESS (NOM) w	Lengths 1.22 m
	mm	IN	mm	mm	pcs.
0750	19,0	-	3,2	3,20	35
1300	33,0	-	5,5	3,40	60
1750	44,4	-	7,4	3,60	40
2000	50,8	-	8,3	4,30	25
2750	69,8	-	11,7	4,80	15
3500	88,9	-	17,1	4,80	10
4700	119,4	-	22,9	4,80	5

Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ASTM-D 412, ISO 37	14,5 MPa
Elongation	ASTM-D 412, ISO 37	600%
Longitudinal Change	ASTM-D 2671	+1% to -10% max.
Specific Gravity	ASTM-D 792	1,10 g/cm ³
Elongation after Heat Aging (168 hrs at 150°C)	ASTM-D 2671	400%
Elongation after Heat Shock (4 hrs at 225°C)	ASTM-D 2671	No cracking or flowing
Low Temperature Flexibility	ASTM-D 2671 Meth. C	does not break at -55°C
Hardness (Shore D)	ASTM-D 2240	50 D

Electrical

Property	Test Method	Typical Performance
Dielectric Strength	ASTM-D 149 / IEC 243	20 kV/mm
Dielectric Voltage Withstand (2500 V, 60Hz, 1min)	UL 486D	no breakdown
Volume Resistivity	ASTM-D 257	10 ¹⁶ Ω x cm

Chemical

Property	Test Method	Typical Performance coloured
Copper Corrosion	ASTM-D 2671	No Corrosion
Chemical Resistance		good to excellent
Water Absorption	ASTM - D 570	0,10%

Adhesive

Property	Test Method	Typical Performance
Adhesive Lap Shear (Tin./min at 23°C)	ASTM-D 1002	0,875 Mpa
Softening Point	ASTM-E 28	92°C/-5°C
Adhesive Peel Strength (300mm/min at 23°C) > to steel, aluminium, P.E > to PVC	ASTM-D 1000	110 N/25mm 80 N/25mm
Adhesive Blocking (30°C)	ASTM-D 1146	no blocking
Water Penetration	STM 706	no penetration after 236 hrs. of continuous immersion

Standard Colours	Special Colours
black 	Not Available

Ordering: **Specify the product name** plus each of the following options: 1) Size 2) Colour 3) Total Quantity + Delivery Unit 4) Lining Options
For example: CFHR 0750 black, 140 pcs., 1,22 mtr lengths, lined