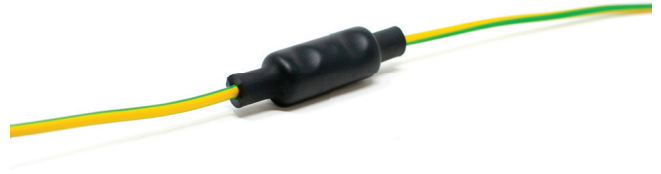


# CFHR

High shrink ration crosslinked polyolefin

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



## Features and Benefits

- Flame retardant
- Accommodates a wide variety of connector shapes and configurations
- Optional thermoplastic adhesive liner for complete environmental protection and insulation
- Shrink ratio: 6:1
- Continuous operating temperature: -55°C to 110°C
- Shrink temperature: 120°C min.

## Standards

- UL-94-V-0 - UL file #E132914
- IEC 60684-3-247

## Typical Applications

- Wire harnesses
- Abrasion and impact resistance
- Strain relief and protection of cables and connectors

## 6:1

Shrink ratio

## -55°C to 110°C (-67°F to 230°F)

Continuous  
operating  
temperature

### Markets:

Electrical Utility, Industrial, Commercial, Mass Transit

### Standards:



## **LAPP TANNEHILL**

Your Trusted Distribution Partner in Wire, Cable, and Connectivity

LAPP Tannehill is a trusted distributor of DSG-Canusa products.  
[www.lapptannehill.com](http://www.lapptannehill.com) | 800.633.6339 | [info@lapptannehill.com](mailto:info@lapptannehill.com)

 **DSG-CANUSA**

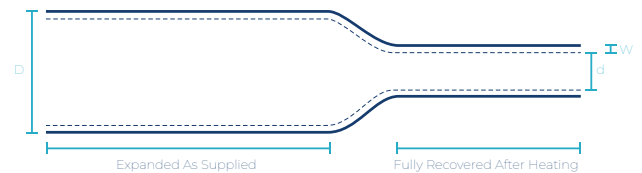
ORDER NUMBER	EXPANDED	RECOVERED		DELIVERY UNITS
	INTERNAL DIAMETER (MIN) D	INTERNAL DIAMETER (MAX) d	TOTAL WALL THICKNESS (NOM) W	LENGTHS
	mm (in)	mm (in)	mm (in)	1.22 m (48 in)
0750	19.0 (0.750)	3.2 (0.125)	3.2 (0.123)	35
1300	33.0 (1.300)	5.5 (0.220)	3.4 (0.135)	60
1750	44.4 (1.750)	7.4 (0.290)	3.6 (0.140)	40
2000	50.8 (2.000)	8.3 (0.330)	4.3 (0.170)	25
2750	69.8 (2.750)	11.7 (0.460)	4.8 (0.190)	15
3500	88.9 (3.500)	17.1 (0.673)	4.3 (0.170)	10
4700	119.4 (4.700)	22.9 (0.900)	4.8 (0.190)	5

## Ordering

Select a dimension which will shrink snugly over the application to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

- Select options:
  - Printing: Printed or unprinted
  - Adhesive Lining: Lined (D) or unlined (U)
  - Lengths: 1.22 m or 7.62 m spool (unlined only)
- Please specify the product name, order number and options you require
- Example: CFHR, 0750, U, black, unprinted, 1.22 m length

Please contact your Customer Service Representative for information on custom colors, sizes, lengths and material data sheet.



We advise that customers should separately evaluate the suitability of our products for their particular application. Our responsibilities are only those listed in our Standard Terms and Conditions of Sale for these products. Please ask for the latest version of this data sheet. Subject to modification without prior notice.

## Technical data

PROPERTY	CURRENT VALUES	TEST METHODS
<b>MATERIAL</b>		
Material	PE, modified; free of lead and cadmium	n/a
Surface	glossy	n/a
Specific gravity	1.1 g/cm <sup>3</sup> max.	IEC 60684-2
Shrink ratio	6:1	IEC 60684-2
Longitudinal change	-10% max.	IEC 60684-2
<b>MECHANICAL</b>		
Tensile strength	> 14 MPa	IEC 60684-2
Elongation	> 550%	IEC 60684-2
<b>THERMAL</b>		
Tensile strength after thermal ageing (168 hrs at 150°C)	13 MPa	IEC 60684-2
Elongation after thermal ageing (168 hrs at 150°C)	400%	IEC 60684-2
Heat shock (4 hrs at 225°C)	no cracking or flowing	IEC 60684-2
Low temperature flexibility	-55°C	IEC 60684-2
Combustion behaviour	flame retardant	
Shrink temperature	120°C min.	DSG-Canusa internal
Storage temperature	40°C max.	IEC 60684-2
Continuous operating temperature	-55°C to 110°C	IEC 60216
<b>CHEMICAL</b>		
Tensile strength after immersion oil & gasoline (24 hrs at 23°C)	> 10 MPa	IEC 60684-2
Elongation after immersion oil & gasoline (24 hrs at 23°C)	> 300 %	IEC 60684-2
Copper corrosion	non-corrosive	IEC 60684-2
Water absorption	< 0.2 %	IEC 60684-2
<b>ELECTRICAL</b>		
Dielectric strength	20 kV/mm	IEC 60684-2
Dielectric voltage withstand (2500V, 60Hz, 1min)	no breakdown	IEC 60684-2
Volume resistivity	10 <sup>16</sup> Ω x cm	IEC 60684-2
<b>ADHESIVE</b>		
Material	Hotmelt EVA	n/a
Softening point	92°C	ISO 11357-3
Water penetration after immersion (236 hrs)	no penetration	IEC 60684-2
Peel strength PE	> 110 N/25 mm <sup>2</sup>	IEC 60684-2
Peel strength AL	> 75 N/25 mm <sup>2</sup>	IEC 60684-2

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