

CFW/CFM

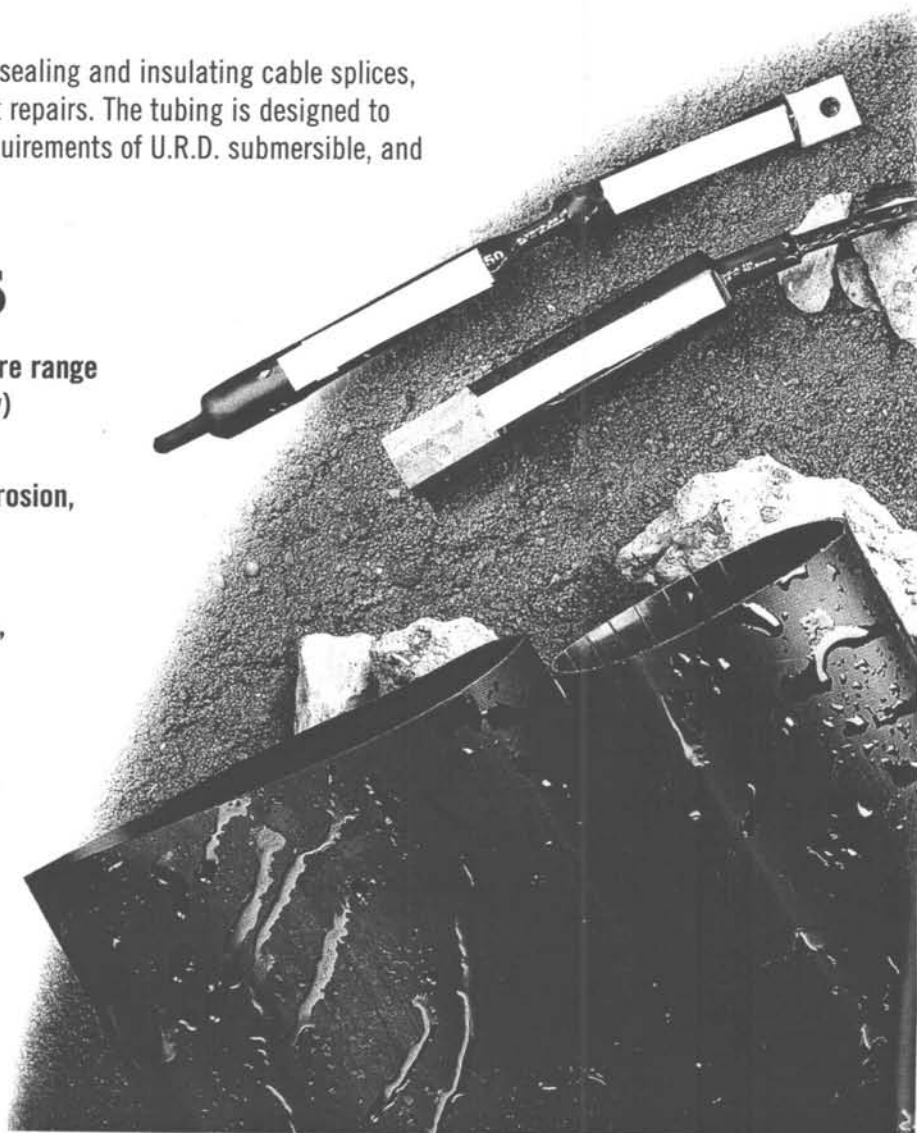
Medium and heavy wall heat shrinkable polyolefin tubing, ideal for the protection of cable joints and terminations in low voltage power applications

Description

CFW/CFM is an excellent product for sealing and insulating cable splices, connections, terminations and jacket repairs. The tubing is designed to withstand the severe mechanical requirements of U.R.D. submersible, and direct buried installations.

Main Features

- Continuous operating temperature range of -55°C to $+125^{\circ}\text{C}$ (Jacket Only)
- 3:1 shrink ratio
- High resistance to abrasion, corrosion, and chemicals
- Excellent weatherability
- Available with Filmtech adhesive, sealant lined or unlined
- 10 standard sizes in CFW
- 14 standard sizes in CFM
- Meets requirements of ESI 09-11



Technical Data

Physical

Property	Test Method	Typical Performance
Tensile Strength	ISO 37	14.0 MPA
Ultimate Elongation	ISO 37	300%
Operating Temperature	-	-55°C to +125°C
Min. Shrink Temperature	-	120°C
Longitudinal Change	ASTM D2671	±10%
Specific Gravity	ISO/R1183	1.10
Dielectric Strength	IEC 243	min. 20 kV/mm
Elongation After Heat Ageing	ISO 37 (168 hrs at 150°C)	250%
Heat Shock	ASTM D2671 (4 hrs at 225°C)	No dripping, flowing or cracking
Low Temperature Flexibility	ASTM D2671 (4 hrs at -55°C)	No cracking or splitting
Water Absorption	ASTM D570	0.05%
Fluid Resistance Various Fluids	ISO 1817, ISO 37 MIL-1-23053	Good to excellent

Adhesive Sealant

Property	Test Method	Adhesive	Sealant
Water Adsorption	-	< 0.3%	< 0.1%
Softening Point	ASTM E8	95°C to 105°C	80°C to 90°C

Ordering

Refer to dimensional table and select the size which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified.

Standard Colour - Black.

Standard Lengths - adhesive lined: 1.2 m / 1.0 m
- uncoated: 7.6 m reels

Cut sleeves, non-standard lengths, colours and other dimensions are available to special order.

Order Code - D/A - Adhesive / S - Sealant / U - unlined

Approval to Standard: ESI-09-11 / CFW-UL 486D / CSA 22.2

Dimensions

Order Ref. No.	Diameter			standard lengths
	as supplied	after recovery	wall thickness	
	mm	mm	mm	m
CFW 0350 9/3	9.0	3.0	1.8	1.2
CFW 0500 13/4	13.0	4.0	2.4	1.2
CFW 0750 19/6	19.0	6.0	2.4	1.2
CFW 1100 28/9	28.0	9.0	3.0	1.2
CFW 1500 38/12	38.0	12.0	4.1	1.2
CFW 1700 43/10	43.0	10.0	4.1	1.2
CFW 2000 51/16	51.0	16.0	4.1	1.2
CFW 2700 68/22	68.0	22.0	4.1	1.2
CFW 3500 90/30	90.0	30.0	4.1	1.2
CFW 4700 120/40	120.0	40.0	4.2	1.2

Order Ref. No.	Diameter			standard lengths
	as supplied	after recovery	wall thickness	
	mm	mm	mm	m
CFM 0400 12/3	12.0	3.0	2.0	1.2
CFM 0750 20/6	20.0	6.0	2.0	1.2
CFM 0950 25/8	25.0	8.0	2.0	1.2
CFM 1100 30/10	30.0	10.0	2.0	1.2
CFM 1300 34/10	34.0	10.0	2.0	1.2
CFM 1500 40/12	40.0	12.0	2.0	1.2
CFM 1700 45/13	45.0	13.0	2.0	1.2
CFM 2050 54/18	54.0	18.0	2.0	1.2
CFM 2750 70/25	70.0	25.0	2.0	1.2
CFM 3500 90/30	90.0	30.0	2.4	1.2
CFM 4700 122/40	122.0	40.0	2.6	1.2
CFM 6000 152/48	152.0	48.0	2.8	1.2
CFM 6700 170/58	170.0	58.0	2.8	1.2
CFM 9000 229/77	229.0	77.0	3.0	1.2

