

Heat Shrink Tubing

Heavy Duty

CFM - Medium Wall Crosslinked Polyolefin



Specifications										
Part Number	Expanded		Recovered				General use Application Range		Standard Lengths	
	Internal Diameter (min)	Wall Thickness (nom)	Internal Diameter (max)	Internal Diameter (min)	Wall Thickness (nom)	mm	IN	M	IN	
CFM-0400	10.2	0.40	3.8	0.15	2.0	0.080	4.5-8.5	.18-.34	1.2	48
CFM-0750	19.1	0.75	5.6	0.22	2.0	0.080	6.0-16.5	.24-.65	1.2	48
CFM-1100	27.9	1.10	10.2	0.40	2.0	0.080	11.5-25.0	.45-1.0	1.2	48
CFM-1300	33.0	1.30	10.2	0.40	2.0	0.080	11.5-30.0	.45-1.2	1.2	48
CFM-1500	38.1	1.50	12.7	0.50	2.0	0.080	11.5-35.0	.55-1.4	1.2	48
CFM-1700	43.2	1.70	12.7	0.50	2.0	0.080	14.0-40	.55-1.6	1.2	48
CFM-2050	52.1	2.05	19.1	0.75	2.0	0.080	21.0-45.0	.82-1.8	1.2	48
CFM-2750	69.9	2.75	25.4	1.00	2.0	0.080	30.0-63.0	1.2-2.5	1.2	48
CFM-3500	88.9	3.50	30.0	1.18	2.4	0.095	33.0-83.8	1.3-3.3	1.2	48
CFM-4700	119.4	4.70	39.9	1.57	2.7	0.105	40.6-114	1.6-4.5	1.2	48
CFM-6700	170.2	6.70	58.4	2.30	2.8	0.110	70-165	2.4-6.5	1.2	48
CFM-9000	228.6	9.00	77.0	3.00	3.0	0.118	71-220	2.8-8.7	1.2	48

Standards: UL486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides Nos. 2.4, 2.5

Ordering Guidelines

Select a dimension which will shrink snugly over the component to be covered. If recovery is restricted the resultant wall thickness will be less than specified. **CFW Heat Shrink Tubing** is available in **Black-BK** and **Red-RD**.

Features

- 3 to 1 shrink ratio
- Thermoplastic adhesive liner provides complete environmental protection and insulation
- Seals and protects cable splices and terminations
- Rated for 600V, 90°C continuous use
- Continuous operating temperature: -55°C to 110°C
- High resistance to impact and abrasion
- Shrink temperature: 120°C

Technical Data

Physical Property	Test Method	Typical Performance	Chemical Property	Test Method	Typical Performance
Tensile Strength	ASTM D412, ISO 37	2100 psi (14.5 MPa)	Fluid Resistance	MIL-DTL-23053/15, ISO 1817, ISO 37	Good to excellent
Elongation	ASTM D412, ISO 37	550%	Copper Corrosion	ASTM D2671	No Corrosion
Elongation after heat aging (168 hours at 175°C)	ASTM D2671, ISO 37	500%	Water Absorption	ASTM D570	0.1%
Longitudinal change on recovery	ASTM D2671	+1%, -10%	Fungus Resistance	ASTM G21	No growth
Specific Gravity	ASTM D792, ISO/R1183	1.1	Adhesive Property		
Heat shock (4 hours at 255°C)	ASTM D2671	No cracking or flowing	Adhesive softening point	ASTM E28	92°C +/- 5°C
Low temperature flexibility (4 hours at -55°C)	ASTM D2671	No cracking	Adhesive peel strength (300mm/min at 23°C) -to steel, aluminum, P.E.	ASTM D1000	35 pli
Hardness (Shore D)	ASTM D2240	50D	Adhesive peel strength (300mm/min at 23°C) -PVC	ASTM D1000	20 pli
Electrical Property			Adhesive lap shear (1in./min at 23°C)	ASTM D1002 (mod)	125 psi (0.875 MPa)
Dielectric Strength	ASTM D149, IEC 243	500 V/Mil (20kV/mm)	Adhesive Blocking (30°C)	ASTM D1146	No blocking
Dielectric Voltage Withstand (2500V, 60Hz, 1 min.)	UL 486D	No breakdown	Water penetration	STM 706	No penetration after 236 hrs of continuous immersion.
Volume Resistivity	ASTM D257	10 ¹⁶ ohm-cm			