

PRE-MOLDED SPLICES

LIGHTER WEIGHT AND GREATER FLEXIBILITY

CFM is used as a re-jacketing cover to protect pre-molded splices against moisture ingress and to provide a complete environmental seal. Application of heat during the recovery process causes an adhesive liner to melt and as the tubing shrinks it forms an intimate contact with all underlying surfaces and eliminates voids. This yields a water-tight seal suitable for above grade and underground applications of electric power cable joints and accessories.

Since CFM tubing has a 3:1 shrink ratio, the tube shrinks not only over the maximum diameter of the splice but also recovers to the cable jacket O.D. with the same piece of tube. The adhesive has excellent encapsulation and bonding characteristics on PE/PVC jackets to ensure long term reliability of the complete joint system.

CFM also offers excellent mechanical protection and abrasion resistance. After installation of the splice, the cable is normally buried underground and has to withstand the harsh environment, i.e. rock, moisture and rodent intrusion.



PRODUCT NAME

CFM

PRODUCT DESCRIPTION

Medium wall heat shrink tubing with high resistance to impact and abrasion suitable for low voltage electrical and mechanical applications.

ADVANTAGE

- Superior jacket tear resistance and elastomer characteristic allowing better conformance over irregular contours without splitting.
- Provides mechanical protection and better abrasion resistance in harsh environments, e.g. tube rubbing against sharp objects or in constant friction.
- Provides good strain relief and vibration resistance.
- After recovery provides an excellent outer cover for protection.
- Expanded tube diameters up to 9 in with high 3:1 shrink ratio can help rationalize inventory requirements.
- Excellent sealing efficiency ensuring no moisture ingress as the hot melt adhesive enables full encapsulation of cables and connectors.

ADDITIONAL ATTRIBUTES

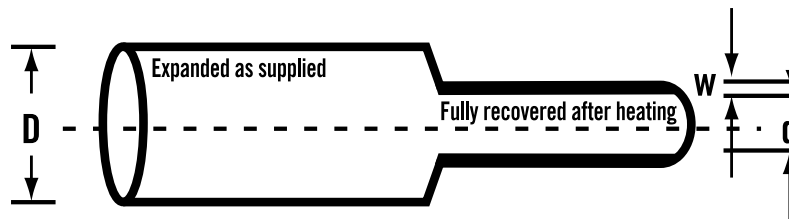
- CFM has superior adhesive bonding characteristics. The adhesive is applied at the last step in the manufacturing process without radiation to electron beams, thus retaining all original bonding properties.

MARKET SEGMENT

Electrical, Industrial, Offshore, Oil and Gas, Utilities

DIMENSIONS

ORDER REFERENCE NUMBER	EXPANDED		RECOVERED				APPLICATION RANGE FOR GENERAL USE		LENGTHS	
	INTERNAL DIAMETER (MIN)		INTERNAL DIAMETER (MAX)		WALL THICKNESS (NOM)		MM	IN	M	IN
	MM	IN	MM	IN	MM	IN				
0400	10.2	0.40	3.8	0.15	2.0	0.080	4.5 - 8.5	.18 - .34	1.2	6, 48
0750	19.1	0.75	5.6	0.22	2.0	0.080	6.0 - 16.5	.24 - .65	1.2	12, 48
1100	27.9	1.10	10.2	0.40	2.0	0.080	11.5 - 25.0	.45 - 1.0	1.2	12, 48
1300	33.0	1.30	10.2	0.40	2.0	0.080	11.5 - 30.0	.45 - 1.2	1.2	12, 48
1500	38.1	1.50	12.7	0.50	2.0	0.080	14.0 - 35.0	.55 - 1.4	1.2	12, 48
1700	43.2	1.70	12.7	0.50	2.0	0.080	14.0 - 40.0	.55 - 1.6	1.2	12, 48
2050	52.1	2.05	19.1	0.75	2.0	0.080	21.0 - 45.0	.82 - 1.8	1.2	12, 48
2750	69.9	2.75	25.4	1.00	2.0	0.080	30.0 - 63.0	1.2 - 2.5	1.2	12, 48
3500	88.9	3.50	30.0	1.18	2.4	0.095	33.0 - 83.8	1.3 - 3.3	1.2	24, 48
4700	119.4	4.70	39.9	1.57	2.7	0.105	40.6 - 114	1.6 - 4.5	1.2	24, 48
6700	170.2	6.70	58.4	2.30	2.8	0.110	70.0 - 165	2.4 - 6.5	1.2	24, 48
9000	228.6	9.00	77.0	3.00	3.0	0.118	71.0 - 220	2.8 - 8.7	1.2	24, 48



ORDERING

- 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.
- Please specify the product name plus the options you require.
- Standard Product: CFM, 1500, red, unprinted, lined, 48 in lengths

OPTIONS

- Colour: Black, Clear
- Printing: Printed
- Lining: Unlined

Please contact your Customer Service Representative for information on custom colours, sizes and lengths