

HVAC SYSTEMS

LIGHTER WEIGHT AND GREATER FLEXIBILITY

Semi-conductor chip fabrication or food packaging industries have cleanroom facilities where the air in the enclosed area is purified to a defined particle limit. In these rooms the air is under constant pressure at all times and is supplied through HVAC (Heating, Ventilation and Air Conditioning) systems. The HVAC systems use conduit or pipes which have multiple joints. For the suction or vacuum process to work efficiently it is essential that there is no leakage at the joints. DSG-Canusa's CFM tubes play an important role in this application by providing a strong and air tight connection when joining hose and pipe fittings.

CFM tube can be applied in four quick steps:

1. Flash the joint lightly with torch to remove excess foreign matter then place shrink sleeve on tubing or fitting.
2. Join tubing and fitting together. Centre shrink sleeve over joint.
3. Heat shrink sleeve with wide billowy flame. DO NOT use pin point flame. Work flame around joint evenly.
4. At 250°F shrink sleeve will tighten around tube and adhesive will appear from sides. Remove flame and allow to cool. Joint is complete.

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.
- After recovery provides an excellent outer cover for sealing and mechanical protection.
- Expanded tube diameters up to 9 in with high 3:1 shrink ratio can help rationalize stock 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.

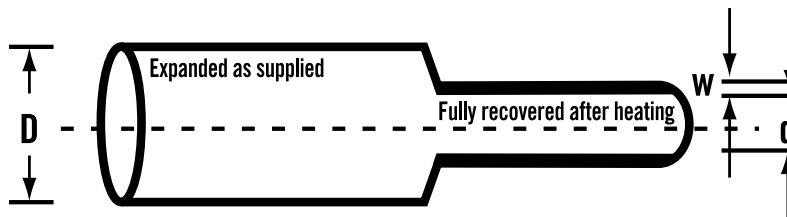
MARKET SEGMENT

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