

Supreme®
People who know plastics best



**FR, elastomeric Nitrile foam
tubing for Pipe insulation**



**RoHS
Compliant**



Complete green product certified by Green Business Centre
- Confederation of Indian industries on behalf of
Indian Green Building Council.



Supreme Always Value Efficient

INSUFLEX

Nitrile foam tubing for Pipe insulation



Nitrile foam tubing for Pipe insulation

INSUflex

INSUflex is a fire retardant closed cell flexible elastomeric pre-formed tubing thermal insulation product. The material is CFC & HCFC free with O.D.P. zero. A light & flexible tubing enables easy and fast working. INSUflex offers a high water vapour transmission resistance factor which ensures a low stable thermal conductivity, thereby saving energy and ensuring efficiency of the system, wherein applied. It is an environmental & user friendly product, than conventional fibrous products.

Features & Benefits

- A high water vapour diffusion resistance ensures thermal efficiency during low temperature operations
- Chemically inert, resistance to growth of fungi & bacteria
- Low thermal conductivity of the product provides energy savings and trouble free performance
- Operating temperature range of -55°C to +105°C
- Light weight and flexible tubing is available in various pipe sizes and thickness combinations for diverse applications
- Fire retardant quality means safety & protection
- Odourless
- Fiber free and zero O.D.P.

Technical Specifications

Properties	INSUflex test value	Test method
Cellular structure	Very fine - closed cell	
Density (Kg/m ³)	60-80	ASTM D 1667
Thermal conductivity* @ mean temperature 25°C	0.034 W/m °k	EN:12667:2001
Thermal stability* 9 days @ 90°C	3.3%	ASTM C534 / C534M-11
Fire resistance*	UL 94, V-0 approved	UL 94
Toxicity index	2.59	NES 713
Water absorption (%W/W)*	< 2.00%	ASTM D 1056
Water vapour permeability*	2.25 x 10 ⁻⁷ g/Pa.m.hr	ASTM E 96
Mildew resistance	No fungal growth	ASTM G 21
Weather & UV resistance	Good	
Ozone resistance	Excellent	ASTM D 1149
Flexibility	Excellent	IS 12657-1989
Corrosion	Negligible	
Chemical resistance	No effect of mild acids & alkali	ASTM D 543
'FM Product certified'	Compliance Complied	Class 4924
Fire Spread Index & Smoke developed index*	Compliance Complied	ASTM E 84 (Class A)

*Final spec value applicable for specified product & density. Please contact manufacturer for actual specs against product.

Available in

Size in inch Thickness X ID X L	Size in mm Thickness X ID X Length	Qty in nos. per Box
1/4" x 1/4" x 72.04"	06 mm x 06 mm x 1830mm	272
1/4" x 3/8" x 72.04"	06 mm x 10 mm x 1830mm	208
1/4" x 1/2" x 72.04"	06 mm x 13 mm x 1830mm	168
1/4" x 5/8" x 72.04"	06 mm x 16 mm x 1830mm	143
1/4" x 7/8" x 72.04"	06 mm x 22 mm x 1830mm	100
1/4" x 1 1/8" x 72.04"	06 mm x 28 mm x 1830mm	80
3/8" x 1/4" x 72.04"	09 mm x 06 mm x 1830mm	168
3/8" x 3/8" x 72.04"	09 mm x 10 mm x 1830mm	130
3/8" x 1/2" x 72.04"	09 mm x 13 mm x 1830mm	110
3/8" x 5/8" x 72.04"	09 mm x 16 mm x 1830mm	100
3/8" x 3/4" x 72.04"	09 mm x 19 mm x 1830mm	80
3/8" x 7/8" x 72.04"	09 mm x 22 mm x 1830mm	72
3/8" x 1 1/8" x 72.04"	09 mm x 28 mm x 1830mm	56
3/8" x 1 1/4" x 72.04"	09 mm x 32 mm x 1830mm	42

*Standard box size is 400mm (w) x 340mm (h) x 1950mm (l)

Connect with us

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THE ABOVE MENTIONED SPECIFICATIONS ARE FOR REFERENCE PURPOSES ONLY.

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Applications

- HVAC Piping
- Split and Window ACs
- Plumbing and Waste Water Drainage Pipes
- Solar Piping
- Cold Storage
- Clean Room Piping and many more...

Industries

- HVAC
- Construction - Domestic & Commercial
- Clean Room e.g. Pharmaceutical, Electronics, etc.
- R & D
- Solar Plant
- Chemicals and Process

Suitable for

- MS Pipes
- Copper Pipes
- PVC Pipes
- PPR Pipes