

Supreme[®]
People who know plastics best



FR, elastomeric Nitrile foam tubing for Pipe insulation



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

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.



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