



***TWIGA INSUL PREFORMED  
PIPE SECTIONS AND LAMELLA MAT***

 **TWIGA**  
insulating today for  
a better tomorrow

## Product Overview

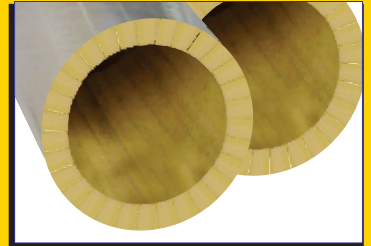
### TWIGA INSUL PREFORMED PIPE SECTIONS

Customised, factory finished, designed for easy and rapid "snap-on" installation, Twiga Insul Preformed Pipe Sections are a one piece moulded insulation made from glass fibers bonded together with a high temperature resistant binder for pipe diameters from 20mm NB to 300mm NB. Twiga Insul Preformed Pipe Sections are available with and without factory laminated aluminium foil facings.



### TWIGA INSUL LAMELLA MAT

Customised and factory finished, Twiga Insul Lamella Mats are made from glassfiber wedges laminated to aluminium foil. Twiga Insul Lamella Mats are compression resistant (maintain thickness at bends), easy to handle and are suitable for large pipes of diameter 300mm NB and above.



### APPLICATION

Twiga Insul Pipe Sections and Lamella Mats are recommended for insulating hot and cold pipes in HVAC. These products also find wide variety of applications in process industries such as refineries, petrochemicals, thermal power plants, chemical and fertilizer plants and others. These products offer excellent thermal resistance and superior fire properties at a low installed cost.

### Specification

Parameters	Twiga Insul Preformed Pipe Sections	Twiga Insul Lamella Mat
Pipe Diameter	20mm NB to 300mm NB	Above 300 mm NB
Thickness	25mm, 40mm, 50mm, 65mm, 75mm	50 mm, 65mm, 75mm
Standard Length	900 mm	900 mm
Temperature Range	-195°C to +230°C (can go up to 450°C with special binder)	
Fire Rating	Conform to Class 'O' (BS 476 Part 4, 5, 6 & 7)	
Standard Density	80 Kg/m <sup>3</sup>	

Twiga Insul Preformed Pipe Sections conform to IS 9842 and BS 3958: Part 4.

### Characteristics

1. Green Building Material : Low embodied energy, Zero ozone depleting potential, Minimum VOC
2. Fire Safe : Non combustible, Does not emit toxic fumes
3. Excellent thermal resistance (low thermal conductivity)
4. Low Cost : Easy and fast to install
5. Non Corrosive to Metal : No shot content / impurities
6. Non hygroscopic
7. Resistant to chemicals, oil, fungus, bacteria, rot and vermin attack



### U.P. Twiga Fiberglass Limited

(An ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007 Certified Company)  
 Twiga House, 3 Community Centre, East of Kailash, New Delhi - 110 065, India  
 Tel.: +91 11 2646 0860 • Email: marketing@twigafiber.com  
 Website : www.twigafiber.com

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