

# EnSave Stone Wool Sectional Pipe Insulation



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**Save Energy  
Save World**

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# EnSave Stone Wool Sectional Pipe Insulation

EnSave Pre-formed Pipe Sections are made from stone wool felt with higher binder content. Preformed Pipe Section has excellent water repellent and corrosion control properties. Uniform density and thickness ensure proper application, efficient operation and overall savings to the operating industry. Their excellent fit and high compression resistance means they can be applied in a single layer without any additional spacers. Being concentrically formed and precisely made to fit standard pipe diameters they offer complete 360 degree thermal resistance.

## Product Specification

Product Spec	: IS: 9842:1994, ASTM C-547, EIL:6-44-0002 REV 05
Service Temp	: - 50°C to 750°C
Standard Length of Each Section	: 1000 mm (1 Mtr)
Dimension	: ½ inch to 16 inch (Nominal Bore)
Thickness	: 25mm to 100mm
Density	: 140 kg/m <sup>3</sup> to 160 kg/m <sup>3</sup>
Packing	: Corrugated Boxes
Facing	: FSK & UNFACED
Application Field	: Thermal Insulation of Piping & Personnel Protection



Pipe Sections (SPI) are cylindrical in shaped and in split hinged for easy, snap-on application. These are easy to cut, fit, handle and has high levels of thermal efficiency and strength. It's combination of density, strength and excellent thermal conductivity at high temperatures offer efficient insulation & reduction of heat losses resulting in operating cost savings of an industry



Thermal Properties



Acoustic Capabilities



Fire - Resilience



Water Repellency



Compatibility

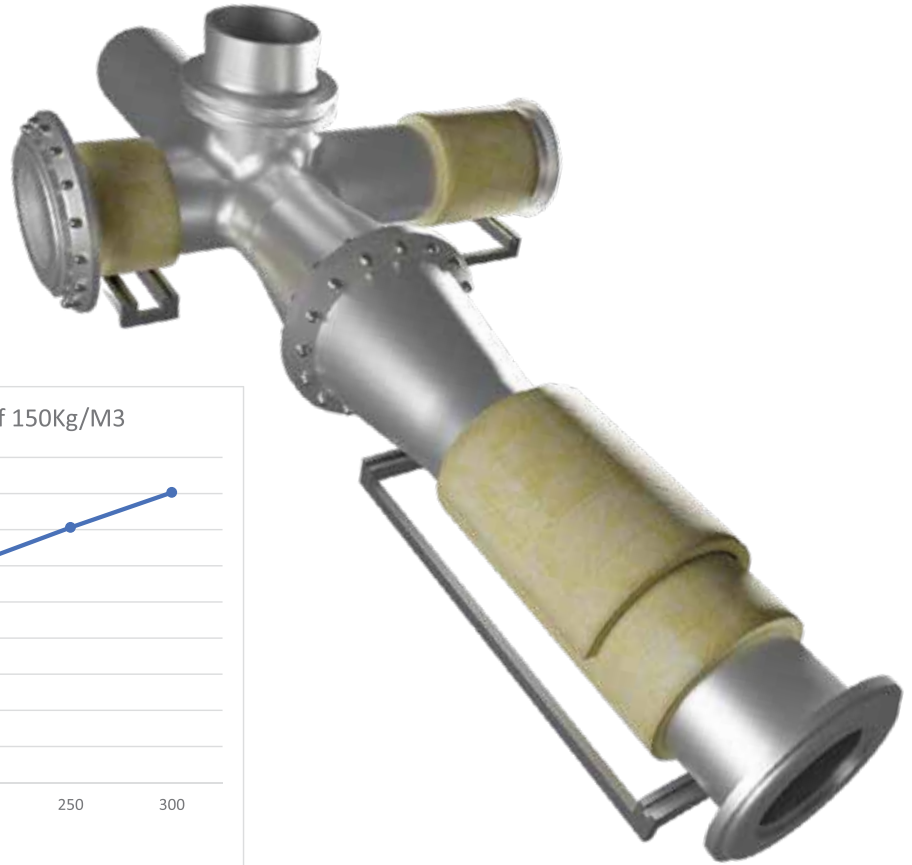


Long Lasting

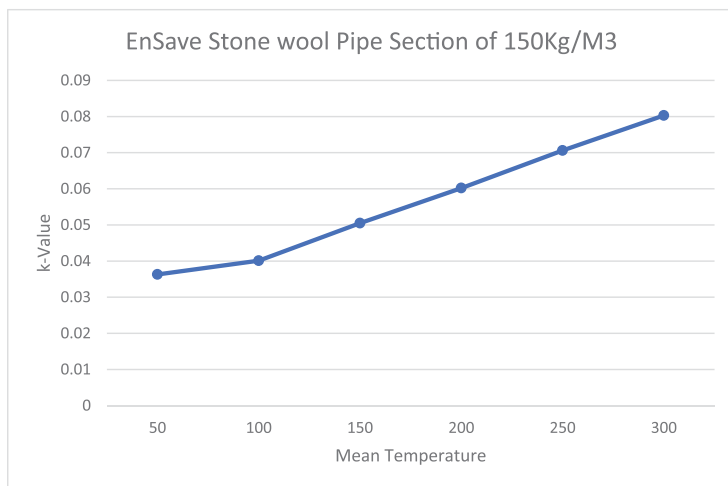


Recyclability

**Refinery, power generation, gas lines, pharma, cement, petrochemical & process plants, edible oil, distillation units, refrigeration units, chillers, hvac systems.**



### Pipe Section - 150 Kg/M<sup>3</sup>



### Technical Parameters

Property	Value								Specification
Thermal Conductivity (mW/cm°C)	Temperature	50	100	150	200	250	300		IS:3346/1980
	K Group-4	0.36	0.41	0.5	0.61	0.71	0.81		
Fire Resistant	Class 0								BS: 476 P-4.9
Maximum Service Temperature	-50 °C to 750 °C								IS: 8183
Smoke Developed Index	0-25 (passes)								ASTM E-84
Flame Spread Index	0-25 (passes)								ASTM E-84
Linear Shrinkage	2% Max								EIL:6-44-0002 Rev. 05, ASTM C -356
Compressive Strength	8 kPa@10% Compression								EIL:6-44-0002 Rev. 05, ASTM C -165

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