

## ROCKINSUL PIPE INSULATION

Material Composition:	Stone wool pipe insulation is manufactured from mineral substance such as rock and slag, processed from a molten state into fibrous form with binder. <b>Free from asbestos.</b>
Density:	100 - 160 kg/m <sup>3</sup>
Facing:	Unfaced or Faced with FSK (Aluminium Foil/Scrim/Kraft Paper laminate)
Dimension	
(a) Length:	1.2 m - 1.25m
(b) Diameter:	½ inch - 18 inch
(c) Thickness:	25mm to 150mm (depending on pipe size and density)
Maximum use temperature:	750 °C
Linear Shrinkage:	Less than 2 %
Water vapor absorption:	Less than 0.5 % by weight
Surface Burning Characteristics	
(a) Flame Spread index:	≤ 25
(b) Smoke developed index:	≤ 50
Sag Resistance:	Less than 5 % thickness change
Odor Emission:	No detectable odor of objectionable nature was observed
Corrosiveness to Steel:	No Corrosion
Rigidity:	Rigid
Fungi Resistance:	Do not promote fungi growth
Non-fibrous Content:	Less than 25 %
Stress Corrosion to Austenitic Stainless Steel:	No Cracking observed, pH - 7 to 10
<b>Standard Compliance:</b>	<b>ASTM C 547</b>

*All information and data mentioned in this technical data sheet are based on tests performed in the Laboratory. Nothing herein to be construed as a warranty or representation and we recommend, However, that all potential users of the product make their own actual tests prior to using it on industrial scale*