

ROCKINSUL PIPE INSULATION

1. Material Composition: Stone wool pipe insulation is manufactured from mineral substance such as rock, processed from a molten state into fibrous form with binder. Free from asbestos.
2. Density: 100 -150 kg/m³ (± 15 % tolerance)
3. Facing: Unfaced or Faced with FSK (aluminum Foil/Scrim/Kraft Paper laminate)
4. Dimension
 - a. Length: 1.2 m - 1.25m
 - b. (b) Diameter: ½ inch - 18 inch
 - c. (c) Thickness: 25mm to 150mm (depending on pipe size and density)
5. Maximum use temperature: 650 °C
6. Linear Shrinkage: Less than 2 %
7. Water vapor absorption: Less than 5 % by weight
8. Surface Burning Characteristics
 - a. Flame Spread index: ≤ 25
 - b. Smoke developed index: ≤ 50
9. Sag Resistance: Less than 5 % thickness change
10. Odor Emission: No detectable odor of objectionable nature was observed
11. Corrosiveness to Steel: No Corrosion
12. Rigidity: Rigid
13. Fungi Resistance: Do not promote fungi growth
14. Non-fibrous Content: Less than 25 %
15. Stress Corrosion to Austenitic Stainless Steel: No Cracking observed, pH - 7 to 10,
16. Leachable Chloride <1 ppm as per ASTM C871 & ASTM 692

Standard Compliance: ASTM C 547 , IS 9842

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, all potential users of the product make their own actual tests prior to using it on industrial scale –