

- Very good thermal conductivity
- Easy to handle, fabricate and install
- Dust generation is nil
- Small width rolls (of 8 mm thickness) can be spiral wrapped like tape on small diameter pipe
- Perfect for piping and equipment where insulation must remain dry
- PTFE-coated fiberglass provides enhanced chemical resistance of the glass
- Available in 4 thicknesses

Physical Properties

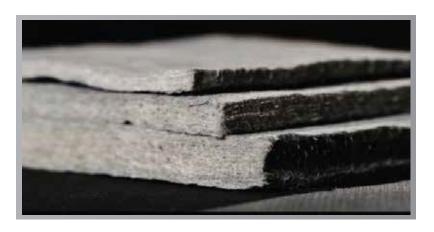
| Color | Grey | | | |
|------------------------------|--|---|--|--|
| Density | 144 to 192 kg/m ³ (9 to 12 lb/ft ³) | | | |
| Thickness | 8, 16, 20, and 25 mm (0.32, 0.63, 0.78, 1 inch) | | | |
| Maximum Use Temp | 649°C (1200°F) | | | |
| Hydrophobicity | Continuous up to 315°C (600°F) | | | |
| Standard Available Widths | 8 mm thick 50 to 1820 mm (2 to 72 in.) | 16, 20, and 25 mm thick 700 to 1820 mm (30 to 72 in.) | | |

Material Performance Data

| Test Method | Performance | Value | |
|-------------|---|-----------------------|--|
| ASTM C356 | Linear Shrinkage Under Soaking Heat | <2% @ 649°C | |
| ASTM C795 | Corrosiveness over Austenitic SS | Passed | |
| ASTM C1101 | Classifying Flexibility | Resilient Flexibility | |
| ASTM C1104 | Water Vapor Sorption | <1% (by wt) | |
| ASTM C1338 | Fungi Resistance | Passed | |
| ASTM C1763 | Water Absorption by Immersion | Procedure B, <5% | |
| ASTM C1511 | Liquid Water Retention Post-submersion after heat aging per test method | <5% | |
| ASTM E84 | Surface Burning Characteristics | FSI=0; SDI=0 | |

^{*} Third party test reports available upon request

| BlanketThickness (mm) | Roll Length Meter (ft) | | | |
|--------------------------|---------------------------|--|--|--|
| 8 | ~38.1 (125) | | | |
| 16 | ~19.8 (65) | | | |
| 20 | ~15.2 (50) | | | |
| 25 | ~13.7 (45) | | | |



Thermal Performance per ASTM C177*

| Temperature (°C) | | 100 | 200 | 300 | 400 | 500 | 600 |
|--|------|------|------|------|------|-------|-------|
| Thermal Conductivity (mW/mK) | | 43.4 | 55.7 | 71.2 | 85.2 | 102.5 | 133.4 |
| Temperature (°F) | 32 | 212 | 392 | 572 | 750 | 932 | 1112 |
| Thermal Conductivity (Btu·in/hr·ft ² .°F) | 0.23 | 0.30 | 0.39 | 0.49 | 0.59 | 0.71 | 0.93 |

^{*} Third party test reports available upon request

This information is given in good faith and is believed to be accurate. No expressed or implied warranty of any kind including those of merchantability or fitness for a particular purpose is made as to the performance of an installation. Super Insulation, LLC does not take any responsibility for misuse of these products and recommends testing before use.

