



TTT-PTFE-1650

1 DESCRIPTION

TTT-PTFE-1650 is a fluorocarbon impregnated and coated fiberglass fabric designed for use in removable blankets as a weather/chemical resistant barrier. This fabric is easily sewn and is flexible enough to conform to intricate shapes. The fluorocarbon impregnation and coating is extremely resistant to most industrial chemicals and has been in applications to 600°F. This standard duty product can be manufactured to meet the requirements of NRC Guide 1.36 and Military Specification MIL-I-24244.

2 APPLICATIONS

TTT-PTFE-1650 is intended to be used for removable blankets for valves, flanges, pumps, instrumentation, and freeze protection.

3 ADVANTAGES

TTT-PTFE-1650 has a very low level of flammability, good chemical resistance, excellent cleanability and abrasion resistance, minimal smoke levels, and is UV resistant.

4 PROPERTY DATA

| Characteristics: | Method: | English Values: | Metric Values: |
|------------------------|-------------|--|---|
| Weight | ASTM-D-3776 | 16.5 oz/sy +/- 10% | 561 g/m ² +/- 10% |
| Thickness | ASTM-D-1777 | 0.016" +/- 10% | 0.381 mm +/- 10% |
| Tensile Strength | ASTM-D-5034 | Warp: 410 lbs/in Fill: 350 lbs/in | 71.44 kg/cm 53.58 kg/cm |
| Mullen Burst | ASTM-D-3786 | 650 psi | 45.5 kg/cm ² |
| Flame Resistance | ASTM-D-6413 | Char Length: 1 inch max. Afterglow: 1 second max. Flame Out: 1 second max. | Char Length: 2.54 cm max. Afterglow: 1 second max. Flame Out: 1 second max. |
| Temperature Resistance | N/A | -150°F to 600°F | -101°C to 315°C |
| UV Resistance | ASTM-G-154 | 1000 hrs; no change in tensile | |
| Base Fabric and Weave | N/A | Fiberglass/Satin Weave | |
| Color: | N/A | Gray | |

***All values are nominal unless otherwise specified. All statements herein are expressions of opinion that we believe to be accurate and reliable, but are presented without guaranty or responsibility on our part. Statements concerning possible use of our products are not intended as recommendations for their use alone or in combination with any materials or elements to infringe any patents. No patent warranty of any kind, express or implied, is made or intended.