



PTFE TEFLON FABRIC

1 DESCRIPTION

Thermal Tech & Temp's PTFE Teflon Fabric 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 are extremely resistant to most industrial chemicals and have 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

Thermal Tech & Temp's PTFE Teflon Fabric is intended to be used for removable blankets for valves, flanges, pumps, instrumentation, and freeze protection.

3 ADVANTAGES

Thermal Tech & Temp's PTFE Teflon Fabric has a very low level of flammability, good chemical resistance, excellent cleanability, and abrasion resistance, minimal smoke levels, and UV resistant.

4 PROPERTY DATA

Characteristics:	English Values:	Metric Values:
Weight	16.5 oz/sy +/- 10%	561 g/m ² +/- 10%
Thickness	0.016" +/- 10%	0.381 mm +/- 10%
Tensile Strength	Warp: 410 lbs/in Fill: 350 lbs/in	71.44 kg/cm 53.58 kg/cm
Mullen Burst	650 psi	45.5 kg/cm ²
Flame Resistance	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	-150°F to 600°F	-101°C to 315°C
UV Resistance	1000 hrs; no change in tensile	
Base Fabric and Weave	Fiberglass/Satin Weave	
Color:	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 guarantee or responsibility on our part. Statements concerning the 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.