



TEX-2 SILICA FABRIC

1 DESCRIPTION

Thermal Tech & Temp's TEX-2 Silica Fabric is an advanced, high-temperature resistant plain weave silica fabric, renowned for its outstanding characteristics such as low thermal conductivity and ultra-low heat storage.

2 APPLICATIONS

Thermal Tech & Temp's TEX-2 Silica Fabric is frequently used in the creation of insulation blankets, as well as for applications such as sealing, thermal protection, sound insulation, personal protection, property protection, and fire blankets. Designed with purpose, our TEX-4 Silica Fabric finds ideal use in challenging conditions, particularly in areas prone to abrasion. Its versatility extends to various other applications, serving admirably in expansion joints, protective pads, curtains, covers, and sleeves.

3 ADVANTAGES

The exceptional attributes of TEX-2 Silica Fabric, including high-temperature resistance, low thermal conductivity, and ultra-low heat storage, set it apart in demanding environments. Beyond its technical prowess, TEX-2 Silica Fabric prioritizes user safety, being skin-friendly and free from health hazards. The texturization of its silica yarn further distinguishes TEX-2 Silica Fabric, enabling superior performance in high-temperature applications and remarkable resilience against metal-to-metal abrasion.

4 PROPERTY DATA

Characteristics:	English Values:	Metric Values:
Weight	53.0 oz/sqyd	1050 g/m ²
Thickness	0.15 in	2.0 mm
Application Temperature Limit	1922°F	1050°C
Brief Peaks up To	2012°F	1100°C
Threadcount Warp		55 Fd./10 cm
Threadcount Weft		31 Fd./10 cm
Tensile Strength Warp		>2500 N/5cm
Tensile Strength Weft		>850 N/5cm
Linear Shrinkage	<3%	<3%
Loss on Ignition	<3%	<3%

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