



TEX-4 SILICA FABRIC

1 DESCRIPTION

Thermal Tech & Temp's TEX-4 Silica Fabric is a cutting-edge high-temperature resistant twill weave silica fabric, renowned for its exceptional properties, which encompass low thermal conductivity and ultra-low heat storage.

2 APPLICATIONS

Our TEX-4 Silica Fabric is purpose-designed for demanding environments and conditions, making it ideal for use in areas prone to abrasion. Its versatile applications include expansion joints, protective pads, curtains, covers, and sleeves.

3 ADVANTAGES

The exceptional attributes of TEX-4 Silica Fabric encompass high-temperature resistance, low thermal conductivity, and ultra-low heat storage. Moreover, TEX-4 Silica Fabric is skin-friendly and poses no health hazards. Thanks to the texturization of its silica yarn, TEX-4 Silica Fabric outperforms most plain-style silica fabrics in high-temperature applications and excels at withstanding metal-to-metal abrasion with ease.

4 PROPERTY DATA

Characteristics:	English Values:	Metric Values:
Weight	53.0 oz/sqyd	1800 g/m ²
Thickness	0.15 in	3.8 mm
Application Temperature Limit	1922°F	1050°C
Brief Peaks up To	2012°F	1100°C
Threadcount Warp		82 Fd./10 cm
Threadcount Weft		30 Fd./10 cm
Tensile Strength Warp		>4000 N/5cm
Tensile Strength Weft		>1000 N/5cm
Linear Shrinkage	<3%	<3%
Loss on Ignition	<3%	<3%

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