



DATA SHEET

THERMAL DATA SHEET
THERMAL TECH & TEMP INC.

TTT-TEX-4

1

DESCRIPTION

TTT-TEX-4 is a high temperature resistant twill weave silica fabric with properties that include low thermal conductivity and ultra-low heat storage.

2

APPLICATIONS

TTT-TEX-4 is intended for rugged terrain and conditions, abrasion-prone areas, expansion joints, pads, curtains, covers and sleeves.

3

ADVANTAGES

The unique properties of TTT-TEX-4 make it high temperature resistant, have low thermal conductivity and ultra-low heat storage. TTT-TEX-4 is also skin friendly and harmless to health. TTT-TEX-4 handles high temperatures better than most plain style silica fabrics due to the texturization of the silica yarn. TTT-TEX-4 also handles metal to metal abrasion with ease.

4

PROPERTY DATA

Characteristics:	Method:	English Values:	Metric Values:
Weight	ASTM-D-3776	59.0 oz/sqyd +/- 10%	2000.44 g/m ² +/- 10%
Weight with coating	N/A	None	None
Temperature Resistance	N/A	1022°F	550°C
Melting Temperature	N/A	1544°F	840°C
Thickness	ASTM-D-1777	0.05 inches +/- 10%	1.27 mm +/- 10%
Thread count	N/A	Warp: 82 Fd/10 cm Weft: 30 Fd/10 cm	
Yarn count	N/A	Warp: 500 tex Weft: 820 tex	
Tensile strength	N/A	Warp: > 4000 N/5 cm Weft: > 1000 N/5 cm	
Base Fabric and Weave	N/A	Twill weave	
Color:	N/A	White	

*** 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.