



DATA SHEET

THERMAL DATA SHEET
THERMAL TECH & TEMP INC.

TTT-HB-SRC

1 DESCRIPTION

TTT-HB-SRC are made from a minimum of 96% pure amorphous silica cloth and are rated to 1800°F (980°C) with cured silicone rubber on one side. TTT-HB-SRC has been tested and rated to the ANSI/FM 4950 standard which is now required by the NFPA 51B. TTT-HB-SRC meets USCG164.009 as part of MIL-C-24576SH and meets NFPA 701-1999 Method 2 as well as MIL-STC-2041D Notice 2.

2 APPLICATIONS

TTT-HB-SRC is intended for welding/cutting protection, molten metal splash protection, heat and flame shielding, stress relief, insulation, hose and cable protection, emergency fire blankets, tadpole tapes, oven door seals and gasketing.

3 ADVANTAGES

The unique properties of TTT-HB-SRC make it a safe substitute for ceramic in refractory applications, the optimal choice for welding protection and flexible and chemical resistant with a low thermal conductivity and low halogens and soluble chlorides.

4 PROPERTY DATA

Characteristics:	Method:	English Values:	Metric Values:
Weight	ASTM-D-3776	29.0 oz/yd ² +/- 10%	822.136 g/m ² +/- 10%
Thickness	ASTM-D-1777	0.047" +/- 10%	1.194 mm +/- 10%
Temperature resistance	N/A	1800°F	982.22 °C
Coating temperature	N/A	500°F	260 °C
Melting point	N/A	3000°F	1648.889 °C
Linear shrinkage	N/A	1%	
Weight loss on ignition	N/A	1%	
Base Fabric and Weave	N/A	Herringbone	
Color:	N/A	Various colors	

***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.