



## Technical Data

### 18 oz Thermasil Cloth

- This Thermasil Cloth are high performance textile fabrics comprised of high purity, high strength amorphous silica fibers that are woven into a strong, flexible fabric designed for use where severe temperature conditions exist
- Its unique properties make it well suited for protection of personnel and equipment against moderate welding splatter sparks, grinding materials etc.
- Excellent for use in engineered thermal insulation systems designed for severe temperatures such as Turbine Covers
- Flame Retardant

### 18 oz Thermasil Cloth Properties

Composition	Amorphous Silica 96 – 99%
Weight (oz/sq yd +/- 10%)	17.5 oz
Thickness (inches +/- 10%)	.028
Temperature Continuous	1800 F (980 C)
Temperature Intermittent	2300 F (1260 C)
Melting Point	3100 F (1700 C)
Break Strength ( lb, nom)	200> x 150> 1" x 4" (warp x fill)
Width	36"
Chemical Resistance	Good (Except strong alkalis, hydrofluoric acid or sodium)
Flame Resistance	Excellent

The technical data presented are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.