



# THOR Tarp

DIV. OF

## ODIN

INTERNATIONAL, INC



## WeldShield™ 1890 S-T & 3690 S-T

### General Description

Silica Cloths are woven with continuous filament, amorphous silica yarns. Silica Cloths have proprietary high temperature treatment, which significantly improves the abrasion resistance and tensile strength of the fabrics.

### Applications

Include all high temperature uses requiring thermal insulation and protection. Examples are welding blankets (welding-blankets.com) and curtains, stress relieving, insulation and turbine covers where continuous temperatures up to 1800°F are encountered.

### Physical Properties

		<u>1890 S-T</u>	<u>3690 S-T</u>
Chemical Analysis			
	SiO <sub>2</sub>	94%	94%
Weight		18 oz/sy	36 oz/sy
Weave		8HS	12HS
Thickness		0.030"	0.050"
Mill Roll Width		36"	36"
Tensile Strength	Warp	240 psi	465 psi
	Fill	215 psi	320 psi
Service Temperature		1800°F	1800°F
Melting Temperature		>3100°F	>3100°F

To the best of our knowledge, the information contained herein is accurate. The information provided is based upon data furnished by our suppliers. However, ODIN International, Inc. assumes no liability whatsoever for the accuracy or completeness of the information contained herein. While believed to be reliable, the information of products are intended for use by skilled persons at their own risk. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that those are the only hazards that exist.

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