

**FRSI
FELT REUSABLE SURFACE INSULATION
AEROSPACE NONWOVEN FELT MATERIALS**

Characteristics

- Service Temperature up to 800°F
- Covers Nearly 50% Orbiter Upper Surface
- NASA Qualified, Flight Proven
- Flexible Blanket, Easily Cut
- Silicone Rubber Surface
- Non-Hazardous
- Low Shrinkage

Properties

- Thickness (inches): 0.160 / 0.320
- Weight (oz/yd²): 14 / 38
- Flatwise Tensile (psi): ≥15
- Installation Time <0.6 hr/ft²
- Repair Time <0.1 hr/ft²



FRSI



FRSI Installed on Orbiter Columbia

Specification Thermal Protection System Materials	
Description: Nomex Based	Specification
FRSI, Class 1, 0.160" thick	MBO135-056
FRSI, Class 2, 0.320" thick	MBO135-056
FRSI, Class 3, 0.160" thick	MBO135-056
FRSI, Class 4, 0.320" thick	MBO135-056

Prices are available upon request.
Quotations available upon request for products manufactured to alternative specification requirements.

Albany International Research Co.
Attn: Marcia L. Quinlan, Program Manager
 777 West Street, P O Box 9114
 Mansfield, MA 02048-9114
 Tel. (508) 339-7300 Ext 9528
 Fax (508) 339-4996
 Website: www.airesco.com