

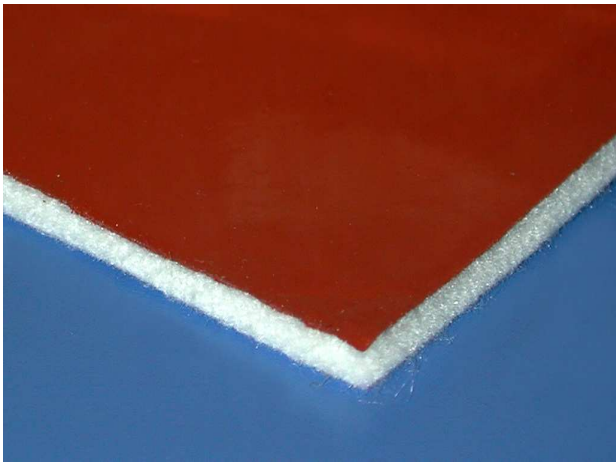
**SIP
STRAIN ISOLATOR PAD
AEROSPACE NONWOVEN FELT MATERIALS**

Characteristics

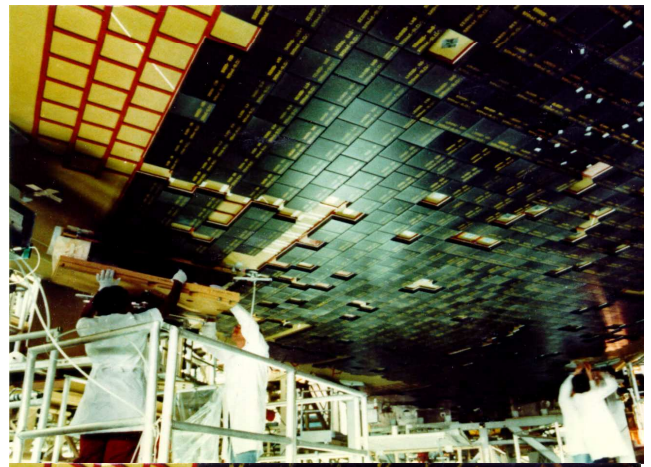
- Service Temperature -300°F to +500°F
- NASA Qualified, Flight Proven
- Orbiter Thermal Protection
- Component of Tile TPS System
- Flexible Pads, Easily Cut
- Silicone Rubber Surface
- Water Resistant
- Non-Hazardous

Properties

- Thickness (inches): 0.081 / 0.105 / 0.152
- Weight (Felt Only) (oz/yd²): 8 / 11 / 10
- Weight, Coated (oz/yd²): 16 / 19 / 15
- Flatwise Tensile (psi): ≥65 / ≥50 / ≥25



SIP



Tile & SIP Orbiter Assembly

Specification Thermal Protection System Materials	
Description: Nomex Based Strain Isolator Pad	Specification
Type II, Class 1, Cat. 1, 0.081"	MBO135-051
Type II, Class 2, Cat. 1, 0.105"	MBO135-051
Type II, Class 3, Cat. 1, 0.152"	MBO135-051
Type III, Class 3, Cat. 1, 0.152"	MBO135-051
Specification Thermal Protection System Materials	
Description: Nomex Based Nonwoven Nomex Felt Sheet (SIP)	Specification
Type II, Class 1, Cat. 1, 0.081"	MBO135-110
Type II, Class 3, Cat. 1, 0.152"	MBO135-110

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

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