

Mosites#1453D High strength silicone rubber

■ Product description

Mosites#1453D is a 50 durometer,high strength silicone compound for use as a reusable vacuum blanket in forming composite aerospace articles. Uncured sheet is offered in widths up to 54 inches.Cured,however is available in standard widths up to 72 inches. Mosites#1453 possesses excellent retention of physical properties after exposure to high pressure and elevated temperatures encountered in autoclave cure cycles of composite manufacturing. The product has a service temperature range of -37°C to 232°C .

The physical properties shown below were obtained on 0.080 inch thick molded ASTM samples. They are typical of Mosites#1453,but should not be used to set Quality Control Specification minimum requirements.

■ PROPERTIES

Hardness (Shore A)	50
Color	Gray
Tensile Strength	1400psi
Elongation	650%
Modulus at 300% Elongation	600psi
Tear Strength	250ppi
Specific Gravity	1.15
Compression Set %	21% (22 hours under 176°C)

■ AVAILABILITY&PACKAGING

Thickness Width	0.76mm,1.52mm,2.16mm&3.18mm
	1370mm;

■ Notes

Store in its original packaging,away from Sharp objects.

No skin irritaion problems experienced.