

Professionally approved products.

## Datasheet

# White Silicone Rubber Sheet, 1000mm x 600mm x 6mm

RS Stock number [733-6722](#)



## Description:

A closed cell, skin finish silicone sponge. Resistant to UV and ozone.

## Specifications:

Brittle Point:	-80°C (-112°F)
Limiting Oxygen Index:	24.00%
Thermal Conductivity:	0.24 W.m <sup>-1</sup> .K <sup>-1</sup>
Radiation Resistance:	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) Typical
Dielectric Strength:	23kV.mm <sup>-1</sup>
Dielectric Constant:	2.9
Dissipation Factor @ 50c/s:	3x 10 <sup>-1</sup>
Volume Resistivity :	3x10 <sup>15</sup> .Ωcm

PROPERTY	SPECIFICATION /TEST METHOD	TYPICAL VALUE
Hardness Shore A:	11 +/-4	13
Density g/cm <sup>3</sup> :	250+/-100	256
Compression stress @ 40% strain KPa :	90+/-40	90
Compression Set 22 hours @ 70°C:	15% max	10%
Tensile Strength Nmm <sup>-2</sup> :	0.75min	1.2
Elongation to failure:	100% min	200%
Temperature Range:	n/a	-60° to 200°C
Brittle Point (°C):	ASTM D746	-80