



## SILICONE

### Description

Technical Silicone sheeting 60 Shore.

### Application

Solid silicone sheeting delivers high performance and long life span at extreme temperatures.

The ideal sheeting material for gaskets and seals used in industrial applications where adverse temperatures are present.

	Diluted acids & bases	Concentrated acids & bases	Ozone	
Excellent				
Very good				Oils & grease
Good				
Not suitable				

Measured Characteristics	Value	Unit	Standard
<b>Mechanical</b>			
Rubber compound	Q	Translucent	
Density	1.20 +/- 0.03	g/cm <sup>3</sup>	
Hardness	60 +/- 5	Shore° A	ISO 7619-1
Tensile strength	≥ 120	kg/cm <sup>2</sup>	ISO 37
Elongation at break	≥ 490	%	ISO 37
Tear resistance	≥ 24	N/mm	ISO 34-1
Compression set after 24h at 150°C	≤ 28	%	ISO 815-1
<b>Temperature</b>			
Working temperature	-60 / +230	°C	
<b>Electric properties</b>			
Thermal conductivity	0.24	W.m <sup>-1</sup> .K <sup>-1</sup>	VDE 0304
Dielectric strength	23	kV.mm <sup>-1</sup>	VDE 0303
Dielectric constant	2.9		VDE 0303
Dissipation factor	3x10 <sup>-4</sup>		VDE 0303
Volume resistivity	3x10 <sup>15</sup>	Ω.cm	VDE 0303

### Finish and inlays

Smooth finish ≤ 10mm thickness

Colours: Translucent, Riox, White, Blue and Black.

### Dimensions

Standard width 1200mm but can be produced in 1500 and 1800mm.

Thickness range, 0.3 - 20mm



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