

DATASHEET

DATASHEET: Silicone Sponge Cord ø

DESCRIPTION:

Silicone Sponge is used for maskings in powdercoating.

TECHNICAL INFO:

	VALUE	
Temperature Resistance	-60 to 200°C	
Intermittent	250°C	
Thermal Conductivity	0.069 W/m.K	
Compression Set	15%	BS4443
Compression Deflection	13 Kpa	ASTM1056
25% Compression on 12mm Thick		
Tensile Strength	0.64 Mpa	BS4443
		DIN53504
Elongation at Break	145%	BS4443
10mm Thick		DIN53504
Compression Loading	0.049 N/mm	BS4443
10mm Thick		
Chemical Resistance Oil	Not Good	
Chemical Resistance UV	Very Good	
Chemical Resistance Ozone	Very Good	
Chemical Resistance Electrical Charge	Very Good	
Chemical Resistance Water	Very Good	
Chemical Resistance Home	Not Good	

PHYSICAL DATA:

Density	250 kg/m3	BS4443
		DIN53520

Silicone Sponge Cord Tolerances:

Size	Standard
0 to 1.5mm	+/- 0.25
>1.5 to 2.5mm	+/- 0.35
>2.5 to 4.0mm	+/- 0.40
>4.0 to 6.3mm	+/- 0.50
>6.3 to 10.0mm	+/- 0.70
>10.0 to 16.0mm	+/- 0.80
>16.0 to 25.0mm	+/- 1.00
>25.0mm to 40.0mm	+/- 1.60
>40.0mm to 63.0mm	+/- 2.00
>63.0mm to 70.0mm	+/- 2.00
>70.0mm to 80.0mm	+/- 2.00
>80.0mm to 100.0mm	+/- 3.00