宇航橡胶 YuHang Rubber RUBBER

南京宇航橡胶有限公司

NANJING YUHANG RUBBER CO.LTD

Manufacturers · Designers · Distributors

Silicone Sponge Sheeting Datasheet

Product Code: RC02101

Product Description

This product features a closed cell structure and a smoother outer wall. This ensures that liquid and gas are unable to pass through the sheets, providing excellent insulation and sealing properties. Our silicone sponge sheets also feature a wide functioning temperature range from -60°C to 200°C. We supply silicone sponge in four densities as standard.

Available In -

- Full Rolls
- Cut to strip
- Bespoke Gaskets

Technical Specification

Properties	Test Method	Values			
Grade	-	P10	P16	P24	P33
Compound	-	VMQ	VMQ	VMQ	VMQ
Density	BS EN ISO 845	200 kg/m³	250 kg/m³	400 kg/m³	530 kg/m³
Hardness (Shore 00)	ASTM D2240	35° ±5	42° ±5	65° ±5	80° ±5
Tensile Strength	BS EN ISO 1798	0.6 MPa	0.6 MPa	0.75 MPa	2.0 MPa
Elongation at Break	BS EN ISO 1798	140%	145%	120%	130%
Compression Set (50%, 22hrs @ 70°C)	BS EN ISO 1856	5.0%	3.8%	3.0%	3.0%
Compression Set (50%, 22hrs @ 100°C)	BS EN ISO 1856	6.7%	4.8%	4.3%	6.0%
Compression Stress (40% strain)	BS EN ISO 3386 part 1, 2	50 kPa	90 kPa	165 kPa	470 kPa
Compression Stress (25% strain)	ASTM D1056	28 kPa	38 kPa	83 kPa	214 kPa
Minimum Temperature	-	-40°C	-40°C	-40°C	-40°C
Maximum Temperature	-	+200°C	+200°C	+200°C	+200°C

Column highlighted is data for the material used on our sample card. We are able to provide all grades shown of our silicone sponge.

REACH COMPLIANT · COMPLIANT

QMS ISO 9001 : 2015 REGISTERED

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

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