



SPECIFICATION SHEET

SILICONE RUBBER

Key Characteristics (Dependant on Grade)

Exceptional high and low temperature range without failure, making it a very thermally stable material and flame retardant. Excellent electrical insulating properties, resistance to animal and vegetable oils, diluted acids, ozone, and oxidation and water absorption. Good resistance to arcing, ultra violet light and ozone. Suitable for applications with food and drink. RH Nuttall Limited provides silicone rubber in a range of colours including white, translucent, red and black. Not suitable for applications requiring resistance to high tensile strength, tear strength, and abrasion.

Technical Data

SPECIFICATIONS	RED	WHITE	BLACK	TRANS
HARDNESS (SHORE A)	60 SHORE +/- 5	60 SHORE +/- 5	60 SHORE +/- 5	60 SHORE +/- 5
SPECIFIC GRAVITY	1.3GR/CM CUBED	1.3GR/CM CUBED	1.3GR/CM CUBED	1.18GR/CM CUBED
TENSILE STRENGTH	5.5 MPA	5.5 MPA	5.5 MPA	8.5 MPA
ELONGATION @ BREAK	450%	450%	450%	500%
COMPRESSION SET 70 HRS @ 150 C	25%	25%	25%	25%
TEMP RANGE	-40 + 200C	-40 + 200C	-40 + 200C	-40 + 200C

Translucent, white, blue and red iron oxide variants contain only ingredients that are listed by the American food and drugs administration (FDA) under the 21 CFR number 177-2600.

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable, but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied.