

# SILICONE RUBBER

Excellent resistance to heat  
(dry air) at 200°C continuous  
and 250°C intermittent.

## SERVICE & PROPERTIES:

Remains flexible at low temperature of -60°C.

Resistant to UV, ozone and weathering.

Exhibits low flammability and low smoke toxicity.

Good Electrical insulation properties.

Conform to BS:EN:2260:1995 and FDA regulations FDA CFR 177.2600.

Have comparatively low mechanical properties, tensile strength, elongation and tear strength - however they keep constant even at high temperatures.

Resistant to a range of general chemical products, but acids, alkalis, esters and ketone should be avoided.

## TYPICAL PHYSICAL PROPERTIES:

Hardness	Shore A 60
Specific Gravity	1.28
Tensile Strength	7.5 MPa
Working Temperature	-60 °C to 200 °C
Elongation	300%
Tear Strength	17 N/mm

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