

TECHNICAL DATA SHEET

Material: Silicone Synthetic Rubber

Products: Dense Elastomeric Silicone rubber gaskets for Architectural, Construction, Furniture & Industrial sealing



General Physical Properties

(ASTM C 1115 Table 2, Type C)

Material Property	Unit	Type 5	Type 6	Type 7	Type 8	Type 9
Hardness	Shore A	50±5	60±5	70±5	80±5	85±5
Tensile Strength (Min.)	MPa	5	5	5	5	5
Elongation at break (minimum)	%	250	200	125	100	60
Compression set 22Hrs. @ 100°C (Max.)	%	15	15	15	20	25
Ozone resistance 100 Hrs at 70°C	No cracks	No cracks	No cracks	No cracks	No cracks	No cracks
After Artificial ageing according to ASTM D573 for 70 h at 150 °C						
Change in Hardness	Shore A	±5	±5	±5	±5	±5
Change in Tensile Strength	% max	±15	±15	±15	±15	±15
Change in Elongation at break	% max	±30	±30	±30	±30	±30

With in-house design & development facilities the delivery time is very less for any new gasket.


