



SPECIFICATION SHEET

FS00 - SIL16 Silicone foam

General Information:

The density range has been approved by the WRAS (water regulations advisory service) for use in contact with potable water at temperatures up to 85 deg C (185 F)

These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a) (1) (iv) and (a) (1) (v) horizontal flammability Test and Automotive standard PART 571FMVSS302.

The sponge is closed cell with low water absorption and dust ingress protection up to IP65, subject to design.

Environmental Resistance:

Temperate range -50 to 200 deg C

Silicone rubber products have an excellent resistance to-

- Ozone
- Oxidation
- Ultraviolet light
- Corona discharge
- Cosmic radiation
- Ionising radiation
- Weathering in general

Density- 250 kg m³

Hardness- 42 +/-5 Shore A

Compression stress (40% strain) - 90KPA

Compression stress (25% strain)- 38KPA

Tensile strength- 0.6MPa

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BT27 4DT

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Elongation to failure- 145%

Compression Set 50% Compression 24hrs recovery. 22hrs @ 70 deg C (158 F)- 3.8%

Compression Set 50% Compression 24hrs recovery. 22hrs @ 100 deg C (212 F)- 4.8%

QUALITY ASSURED PRODUCTS WITH FULL TRACEABILITY

Care should be taken in selecting the most suitable quality for each application.

Advice is available but final responsibility remains with the customer.