

Technical Data Sheet

Silicone Sponge (WCMSIL16)

POLYMER: Polysiloxane

TYPICAL PHYSICAL PROPERTIES

CELL STRUCTURE: Closed Cell
DENSITY: 250 Kg/M³/16 Lb/ft³
ELONGATION TO FAILURE: 145%
TEMPERATURE RANGE: -60° - +200° C
COMPRESSION SET: 12%

RESISTANCE

OZONE: Good
AIR & UV: Excellent
OILS & FUELS: Poor
FLAMMABILITY: Meets the flammability requirements of FAR 25/JAR25/CS 25 Appendix F, Part 1(a)(1)(iv) and (a)(1)(v) horizontal flammability test and automotive Standard Part 571FMVSS302.
WATER ABSORPTION: Minimal (IP65-66 Achievable)



SPONGE & FOAM

Silicone rubber can be expanded into silicone sponge by using blowing agents. The resulting sponge has a fine non-interconnecting cell structure encapsulated by a soft, smooth, outer skin. Silicone sponge is an excellent sealing medium, due to its stable chemical structure and good recovery. It can be extruded into profiles and produced in sheet form. The profiles can be butt-joined or mitred to form continuous seals; the sheet can be cut into gaskets.

Food Applications:

Silicone sponge can be used in applications where it will not come into direct contact with foodstuffs. Thus it can be used as seals on food containers, food processing ovens, refrigeration seals and food handling equipment. However, we do not recommend that it be used in applications where it will be in direct contact with foodstuffs.

RoHS Compliance:

We certify that our silicone sponge is RoHS compliant, and does not contain Lead, Mercury, Hexavalent Chromium, Cadmium, Polybrominated Biphenyls or Polybrominated Diphenyl Ethers



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

www.epdm.co.uk

E-Mail: Sales@epdm.co.uk

Contact

Telephone: +44 (0)1625 573971
FAX: +44(0)1625 573250
PTM Ltd
Units AG2/3 Clarence Mill
Clarence Road, Bollington
Macclesfield, Cheshire
SK10 5JZ
United Kingdom