

# FOOD GRADE SILICONE SPONGE



**FOOD GRADE SILICONE SPONGE** is resistant to ultra-violet light, corona, arcing and ozone. It has excellent for vibration damping and protecting and cushioning components.

- Platinum cured
- Excellent chemical resistance (but not suitable for use with many solvents, oils or concentrated acids).
- Low moisture absorption, mechanical properties show little change even after prolonged periods of immersion.
- Meets FDA § 177.2600, BfR XV Silikon, EC 1935/2004
- Not recommended for long term service where steam pressure exceeds 50 psi
- Temperature tolerance from - 60°C to + 200°C

## Extrusion Grades

Property	FGSS 20	FGSS 40	FGSS20 HT	FGSS 40 HT
Density cu.ft cc.	Medium 28lbs 0.445 gr	Firm 34lbs 0.54 gr	Medium 28lbs 0.445 gr	Firm 34lbs 0.54 gr
Durometer (Shore A)	25	30	25	30
CS (%)	< 50	< 50	< 50	< 50
Temperature range (°C)	-60 / + 200	-60 / + 200	-60 / + 250	-60 / + 250
Elongation@Break (%)	295	310	295	310
Tensile strength (Mpa)	1.5	1.5	1.5	1.5
Tear strength	5 kN/m	5 kN/m	5 kN/m	5 kN/m

## Appearance

Plain smooth, outer skin

Special-adhesive tape is available for permanent bonding and mounting

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IMPORTANT NOTICE: The information herein regarding our products, equipment and processes is believed to be reliable and to the best of our knowledge. We do not warrant the accuracy and completeness of any such information, whether expressed or implied, including warranties of fitness for a particular purpose. It is the user's or purchaser's responsibility to undertake sufficient testing to verify the suitability of our products for their own particular purpose