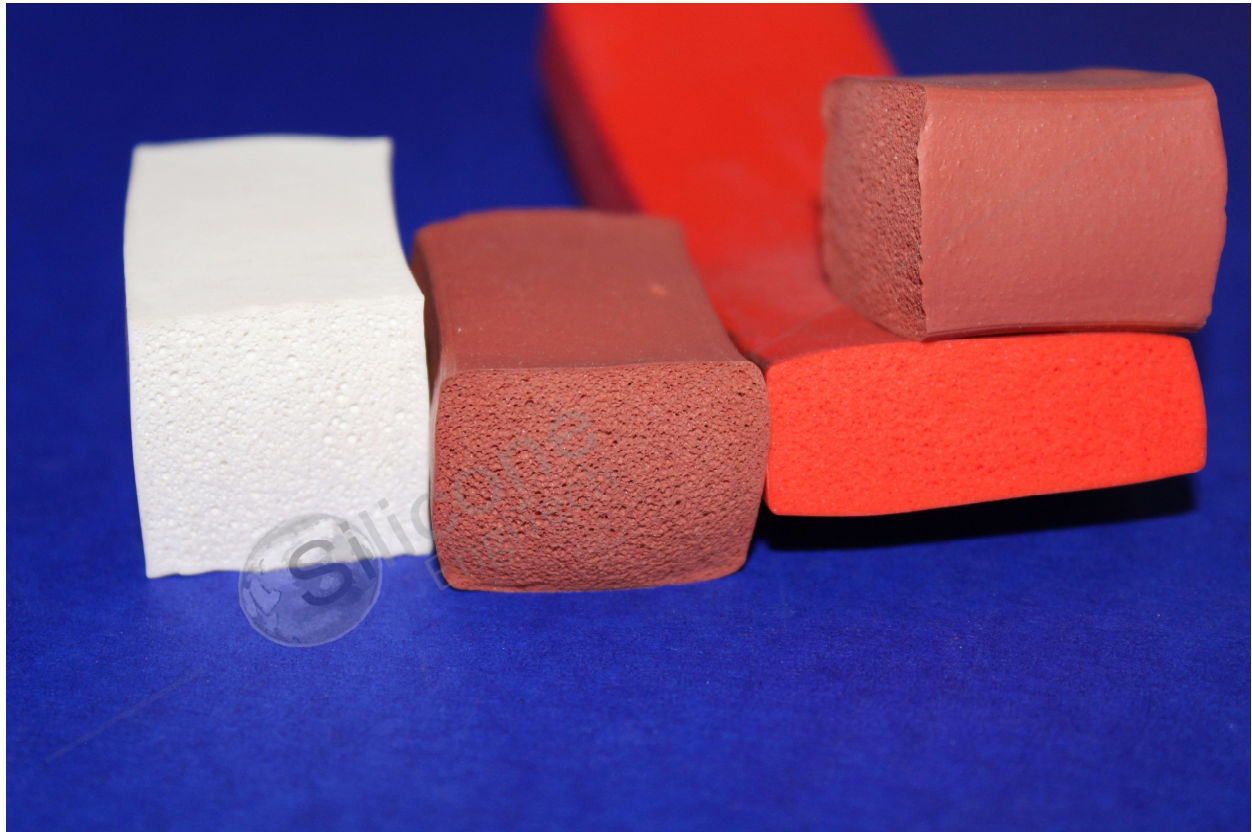# SILICONE RUBBER SPONGE SQUARE, STRIP AND CORD

The sponge rubber Product is a general purpose sponge cord used in various sealing applications. It is soft and compressible and can be supplied in coils, cut lengths or vulcanised into O-rings. We offer hollow and solid sponge rubber cord from various materials as EPDM, NBR, Silicone, Neoprene etc.

Sponge rubber cord is resistant to weathering, aging and some chemical substances. Basically sponge rubber cords can be used within the temperature range of the base elastomeric material they are made of. Sponge rubber usually achieves a hardness of 20 - 30 Shore A.

Extruded sealing sponge rubber cords are where necessary soft, pliable and elastic, and have a relatively low weight even with large diameters. Sponge sealing cords are very reliable in applications where it is not possible to use sealing cords made of compact solid rubber. Smaller quantities (by the meter) are available from our warehouse stock upon request.

SIZE RANGE:-

TYPE	WIDTH	THICKNESS	DIAMETER	LENGTH
SQUARE	2.00 TO 50.00 MM	-	-	CUSTOMIZE
STRIP	2.00 TO 100.00 MM	1.50 TO 30.00 MM	-	CUSTOMIZE
CORD	-	-	1.50 TO 50.00 MM	CUSTOMIZE

Application:-
- Electrical Enclosure Seals
- Insulation
- Outdoor Lighting Gaskets
- HVAC Seals
- Door Seals
- Outdoor Digital Signage
- High temperature sealing
- Packaging and food processing machinery seals
- General sealing across industries

Key Features:-
- Excellent Ozone and UV and Weathering resistance
- Densities from 200kg/m³ (soft) to 530 kg/m³ (firm)
- A variety of specialty grades such as Flame Retardant and Low Toxicity.
- Closed Cell
- Thermally stable over a wide range of temperatures (-60°C to 230°C)
- Available in white, riox, grey and black

Technical Data:-

Physical Properties	Test Method	Units	Typical Values
Specific Gravity	DIN EN ISO 1183-1 A	g/cm3	0.6
Hardness, Shore A	ASTM D2240	SHORE A	20±5
Tensile strength psi(Mpa)	ASTM D412	MPA	0.75
Elongation (%)	ASTM D412	%	120
Temperature Rating	-	°C	-40 TO 250
Compression set 24h@70°C	ASTM D395 method B	%	12