

SILICONE RUBBER SPONGE PROFILE



Sponge silicone rubber products are generally utilized in numerous modern applications as it has many essential characteristics that make it appropriate for a wide range of objectives. Suitably, silicone sponge rubber is quite adaptable to work in a wide variety of challenging situations, incorporating superior execution in a wide scope of temperatures. They additionally perform well in applications where sound and vibration separation is vital

Applications:-

- General Sealing in different Industries/Custom Gasket Applications
- Outdoor Gasket
- Sound and Vibration Insulation
- Hot & Cold Thermal Insulation
- Water Sealing
- Cushioning
- Insulating/Lighting Fixture Gasket/Electrical Enclosure
- Flame Retardant Sponge
- Food Processing Machinery Seal/Pharmaceutical Equipment
- Oven Seals

key features:-

- Highly effective sealing capabilities
- Excellent Ozone and UV resistance
- Can be specified in low, medium or high-density firmness
- Controlled compression and recovery characteristics
- Shock absorption attributes
- Multiple materials can be used at the same time
- Design flexibility
- Can be used to produce very small parts.

Technical Data:-

Physical Properties	Test Method	Units	Typical Values
Specific Gravity	DIN EN ISO 1183-1 A	g/cm ³	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	%	10