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Manufacturers of specialist silicone products and high performance silicone turbo & coolant hoses

Silicone Sponge SILCELL 16MD

SILCELL 16MD

Metal Detectable

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.

General Properties:

- Minimal water absorption (IP65-66 achievable)
- Resistance to ultraviolet light and corona is good
- Resistance to arcing and ozone is good
- Oxidation is virtually non-existent
- Excellent for vibration damping and cushioning components
- Generally resistant to moderate or oxidising chemicals
- Excellent heat insulation
- ***Compliant with FDA 21 CFR 177.2600 section e-f***

TYPICAL PROPERTIES	
Density (lbs per cu. ft.)	16 ±4
Density (Kg per M3)	250 ±60
Elongation %	225
Compression Set %	15
Force at Break (Newtons)	65
Temperature (Max) °C	200
Temperature (Min) °C	-50
Magnetic Pull SFMD	9 mm
Smoke Index NES 711 Iss. 2	46
Burn Rate BS4735: 1974	0.03mm p/sec.
Thermal Conductivity	0.0895 W(m.k.)

~~Colour:~~ BLUE

SIICell16MD has been specially designed for use in food safe applications. It has been independently tested and found to be compliant with the criteria laid down in FDA 21 CFR 177.2600 E – F.