

SURFACE		
ROUGHNESS		



Technical Data	Test Method	Requirement
Material	-	1. Highly Compressible,soft silicon foam for Critical Sealing Application. 2. With pressure sensitive adhesive & release liner on one side 3. This Silicone foam is pasted on the Stainless Steel - 2B finished surface and accordingly the adhesive shall be compatible.
Visual Inspection	-	1. Color: Gray. 2. Free from visual defects (voids,cracks,discolouration and other visual defects).
Density	-	192 kg/m3
Compression force deflection	ASTMD 1056 Measuring the force necessary to produce 25% deflection	16.5 Kpa
Compression Set	ASTM D 1056 100 °C, 22 hrs @50%	1.7 %
Elongation	ASTM D412	60% min
Tensile Strength	ASTMD412	140 Kpa
Peel Adhesion for the PSA	EN1939	Min. 30N/25mm

Sl.No.	Deliverables	Remarks
1	Fire Safety Standard	As per EN45545 HL3, R23 requirement

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Temperature Range	-	-55 to +200 (°C)
Thermal Conductivity	ASTMD518	0.054 W/m°K
Low Temperature Flux	ASTMD1056 -55°C	To be met
Low Temperature Brittleness	ASTM D76 -55°C	To be met

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1. Sample approval shall be taken before mass production.
2. The firm shall submit material test certificates along with the samples.

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