

HT800 Flame Retardant Silicone Sponge Sheet 915mm x 9.5mm

Product SKU: 3043987

Medium density fire retardant silicone sponge sheet.



Colour: Grey

Material: Silicone

Operating temperature range: -55°C to 200°C

EN 45545 HL3 (R9, R10, R22 & R23), GENERAL MOTORS GMW16392 Type 2, CHRYSLER MS-AY-556 Table 1 Medium Density, UL94 V-0 HF-1, AMS 3195, ASTM E 162, ASTM E 662 and SMP-800C.

| Physical Property | Test Method | Units | Typical Values |
|--|-----------------------------|-----------|---------------------|
| Hardness | ASTM D412 | ShA | |
| Elongation at Break | ASTM D412 | % | 80 |
| Tensile Strength | ASTM D412 | MPa | 0.31 |
| Tear Resistance | ASTM D412 | kN/m | |
| Compression Set ASTM D 1056 Test D @ 70°C | | % | <1 |
| Flame Resistance | UL 94 | | Listed V-0 and HF-1 |
| Flame Spread Index | ASTM E162 | Ls | <25 |
| Smoke Density | ASTM E 662 | Ds | <50 |
| Toxic Gas Emissions Rating | SMP-800C | | Pass |
| Water Absorption | Internal: 24hrs @ room temp | % | 1.4 |
| UV Resistance | SAE J - 1960 | | No Degradation |
| Ozone Effect Rating | ASTM D 1171 | | No Cracks |
| Corrosion Resistance | AMS - 3568 | | Pass |
| Dielectric Constant | ASTM D 150 | | 1.42 |
| Dialectric Strenght | ASTM D 149 | Volts/mil | 91 |
| Dry Arc Resistance | ASTMD 485 | Seconds | 92 |
| Volume Resistivity | ASTM D 257 | Ohm-cm | 10 ¹⁴ |
| Thermal Conductivity | ASTM C 518 | w/m°K | 0.09 |

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