

## HT800 Flame Retardant Silicone Sponge Sheet 915mm x 6.4mm

**Product SKU: 3043985**

*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 <sup>14</sup>
Thermal Conductivity	ASTM C 518	w/m°K	0.09

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product. All sales subject to our standard terms [www.polymax.co.uk/sales-terms](http://www.polymax.co.uk/sales-terms)