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## Gasket Sheet

## Style

**Med Density Silicone Foam  
 Grey – DSP-1248**

Closed Cell Foam is a versatile, medium firmness silicone that offers the lightness of a foam, with the enhanced sealing capabilities of a traditional sponge rubber. It is used to seal and protect various outdoor communication, electronic, and lighting enclosures, while providing protection against wind driven rain and fire. The material is also used to reduce shock or isolate vibration. It has a smooth skin on both sides and is also available with Pressure Sensitive Adhesive on one or both sides.

<u>Properties</u>	<u>Test Method</u>	<u>Typical Values</u>
Density (pcf)	ASTM D3574	22
Tensile Strength (psi)	ASTM D412	45
Elongation (%)	ASTM D412	80
Compression Deflection (psi)	ASTM D 1056	9.0
Compression Set (%)	ASTM D 1056 50%, 22hrs @ 158 Degrees F 50%, 22hrs @ 158 Degrees F	<1 <5
Thermal Conductivity		0.63 W/m.K
Flame Resistance	UL-94	V-0 and HF-1
Flame Spread	ASTM E162 / D3675	<25
Smoke Density	ASTM E662 @ 1.5 minutes ASTM E662 @ 4.0 minutes	<20 <50
Toxic Gas Emissions Rating	SMP-800 C	Pass
Water Absorption (%)	Internal: 24hrs @ room temp.	1.40
UV Resistance	SAE J-1960	No Degradation
Ozone Effect Rating	ASTM D 1171	0 (No Cracks)
Corrosion Resistance	AMS 3568	Pass
Dielectric Constant	ASTM D150	1.42
Dielectric Strength	ASTM D150, Volts/mil	91
Dry Arc Resistance	ASTM D495, Seconds	92
Volume Resistivity	ASTM D 257	10
Low Temperature Flex at -67°F (-55°C)	ASTM D 1056	Pass
Recommended Use Temperature, °F	SAE J-2236	-67 – +392F (-55 to 200)
Recommended Intermittent High Temperature Use, °F (°C)	Internal	482 (250)

**SPECIFICATIONS: \*\*UL94 V-0, AMS3195**

. Tests, claims representations and descriptions regarding flammability are based on standard laboratory tests and, as such, may not be reliable for determining, evaluating, predicting or describing the flammability of burning characteristics under actual fire conditions, whether used alone or in combination with other products. Accordingly, each potential user should make an individual determination whether the flammability or burning characteristics of the product are suitable for the purpose intended by the user.