



Low Compression Set Silicone Sponge Medium Density Sheet

1135 LCSM

Description

Our Low Compression set silicone sponge is a closed cell sponge material. It is an excellent material for gasketing applications that require a soft compressible material with a low compression set. It is resistant to extremem high and low temperatures. It is available in Red and Brown color.

Features

- » Very Low Compression Set
- » High Compressibility
- » Extreme High & Low Temperatures
- » UV/Ozone Resistant
- » Excellent Gasketing Material

Specifications

- » AMS3195
- » Mil-R-46089
- » ASTM D1056
- » Mil-R-6130
- » Mil-Std 670

Product Data

Properties	Specification AMS3195	Typical Values
Density, lbs/cubic in. Under 1/4" thick	.025 Max	.020
Density, lbs/cubic in. Over 1/4" thick	.020 Max	.018
Compression Deflection, PSI	6-14	11
Compression Set, 22 hrs. @ 212°F	60% Max	5
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to 500
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	100
Elongation, %	N/A	200
Dielectric Strength (approx)	-	150 Volts/mil

Service is Our Business

All technical advise and recommendation are rendered by Seller free of charge. While based on data believed to be reliable, seller assumes no responsibility.

Closed Cell Silicone Sponge Medium Density Sheet

1135M

Description

Silicone sponge is an excellent material for gasketing applications that require a soft compressible material. It is resistant to extreme temperatures and offers good compression set. Generally, the surface has a fine fabric finish on both sides. Color is Red.

Features

- » Extreme High & Low Temperatures
- » High Compressibility
- » Low Compression Set
- » UV/Ozone Resistant
- » Excellent Gasketing Material
- » Low toxic fume when burnt

Specifications

- » AMS3195
- » Mil-R-46089
- » ASTM D1056
- » Mil-R-6130
- » Mil-Std 670 TE12

Product Data

Properties	Specification AMS3195	Typical Values	Test Method
Density, lbs/cubic in. Under 1/4" thick	.025 Max	.020	ASTMD1056
Density, lbs/cubic in. Over 1/4" thick	.020 Max	.018	ASTMD1056
Compression Deflection, PSI	6-14	11	ASTMD575
Compression Set, 22 hrs. @ 212°F	60% Max	29	ASTMD395
Brittle Point °F	-67	-103	ASTMD746
Temperature Range °F	N/A	-103 to +450	ASTMD573
Water Absorption	5% Max	Pass	ASTMD471
Tensile Strength, PSI	N/A	100	ASTMD412
Elongation, %	N/A	200	ASTMD412
Thermal Conductivity BTU in./hr. ft ² °F	N/A	.6	ASTMD433
Dielectric Strength (approx)	-	150 volts/mil	-

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Closed Cell Silicone Sponge Soft Density Sheet

1135S

Description

Silicone sponge is an excellent material for gasketing applications that require a soft compressible material. It is resistant to extreme temperatures and offers good compression set. Generally, the surface has a fine fabric finish on both sides. Color is Red.

Features

- » Extreme High & Low Temperatures
- » High Compressibility
- » Low Compression Set
- » UV/Ozone Resistant
- » Excellent Gasketing Material
- » Low toxic fume when burnt

Specifications

- » AMS3195
- » Mil-R-46089
- » ASTM D1056
- » Mil-R-6130
- » Mil-Std 670 TE12

Product Data

Properties	Limits	Typical Values
Density, lbs/cubic in. Under 1/4" thick	.025 Max	.020
Density, lbs/cubic in. Over 1/4" thick	.020 Max	.018
Compression Deflection, PSI	5-9	7
Compression Set, 22 hrs. @ 212°F	60% Max	29
Brittle Point °F	-67	-103
Temperature Range °F	N/A	-103 to +450
Water Absorption	5% Max	Pass
Tensile Strength, PSI	N/A	90
Elongation, %	N/A	150
Dielectric Strength (approx)	-	150 Volts/mil

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