



ElastaPro Silicone Sheeting

13937 Rosecrans Ave.
Santa Fe Springs, CA 90670
PHONE 562-343-9982 FAX 562-286-8711
www.elastapro.com

MEDIUM DENSITY SILICONE FOAM - ESS12M

DESCRIPTION:

This medium density silicone foam is an excellent material for gasket applications. It is grey in color and has a smooth finish.

KEY CHARACTERISTICS:

- High & Low temperature Resistant
- High Compressibility
- Low Compression Set
- UV / Ozone Resistant
- AMS3195
- UL-94 V0 Flammability

PROPERTIES	TEST METHOD	TYPICAL VALUES
Density, lbs/cu.in.	ASTM D3574	.013
Compression Deflection, psi	ASTM D1056-78	7-11
Hardness	ASTM D2240	15±5 ShoreC
Compression Set	22 hrs. @ 212°F	1%
Water Absorption, %	Internal test 24hrs	<5
Temperature Range °F	SAE J2236	-55 to 400°
Tensile Strength, psi	ASTM D412	>36
Elongation, %	ASTM D412	>70
Flammability	UL 94	V0
Permittivity	ASTM D150	1.39 C ² /(N·M ²)
Dielectric Strength	ASTM D149	1.6 KV/mm
Flame Diffusion Index	ASTM E162	<25
Smoke density (4min/Ds)	ASTM E662	<50
Gas Emission Level	SMP-800C	PASS

These typical physical properties are provided for evaluation information only.
It is up to the end-user to determine the appropriate material for the intended application.