DATA SHEET

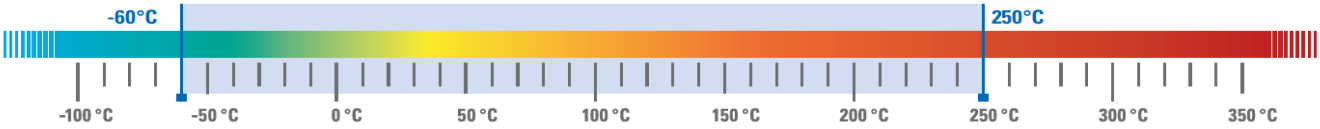
FOAM SILICONE

Silicone rubber can be expanded into a silicone sponge through the use of blowing agents. The silicone sponge is an excellent sealing medium, due to its stable chemical structure and good recovery.

It can be extruded into profiles and produced in sheet form. Profiles can be joined or mitrated to form continuous seals; the foil can be cut into joint.

GENERAL PROPIERTIES

- Minimum water absorption (IP65-66 achievable)
- UV and corona resistance is good
- Arc and ozone resistance is good
- Oxidation is practically non-existent
- Excellent for damping and vibration components
- Generally resistant to moderate chemicals or oxidants
- Excellent resistance to heat stroke
- COMPLIES WITH FDA 21 CFR 177.2600 sección e-, f



TECHNICAL DATA:

	10º	15º	25º	35º	TEST
DENSITY (Kg/m³)	160 ± 60	250 ± 60	400 ± 60	550 ± 60	BS EN ISO 845
HARDNESS **Shore OO** **Shore A**	 35 (+/-5) 8 (+/-4)	 47 (+/-5) 16 (+/-4)	 68 (+/-5) 24 (+/-4)	 83 (+/-5) 33 (+/-4)	 ASTM D2240
ELONGATION (%)	200	215	225	245	BS ISO 37
COMPRESSION (%)	15	15	15	15	EN ISO 1856
TENSILE STRENGHT (Mpa)	0,5	0,65	1,1	1,6	BS ISO 37
TEMPERATURE MIN (°C)	-50	-50	-50	-50	
TEMPERATURE MAX (°C)	250	250	250	250	
TOXICITY	14	14	14	14	NES713 Iss. 03
SMOKE INDEX	46	46	46	46	NES711 Iss. 02
COLOOR	Y s. pedido	Y s. pedido	Y s. pedido	Y s. pedido	
N. FIREPROOF AND FLAME RETARDANT	EN-45545	EN-45545			

APLICATIONS

An elastomer designed for unmatched reliability in sealing, damping, vibration.

Suitable for demanding temperatures applications that require a compressible material and is commonly used in environmental shields, electrical packaging, and automotive.

RoHS compliant

REACH COMPLIANT

ISO 9001 CALIDAD

ISO 14001 MEDIO AMBIENTE