

Form-In-Place Sealing Foam Gasket

F6031



Description

The F6031 is a water and environmental seal Form-In-Place foam gasket. This product is designed as a non-electrically conductive option with the added benefits of a resilient elastic gasket and good adhesion on general plastics and metals.

The F6031 is a room temperature curable silicone foam system that is optimized for the Form-In-Place process. Leakage of silicone oil under high temperature and pressure does not occur.

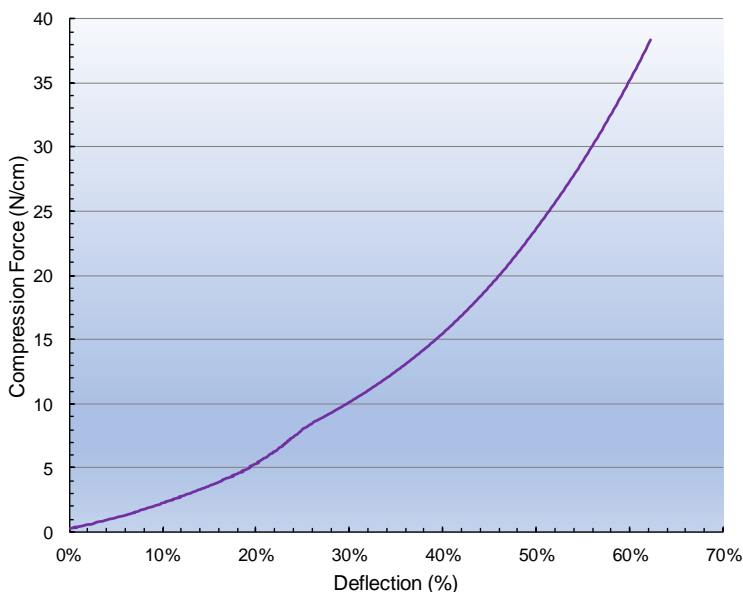
Benefits

- Low surface tension, excellent waterproof ability
- Non-stick surface, flexibility and non-slip
- Dry surface, no dust accumulation concern
- Very elastic foam properties designed for a low compression force
- Ozone and UV resistance

Force-Deflection of F6031 Gasket

1.0 mm(H) * 1.3 mm(W) * 5.0 mm(L)
Rate of Strain, 1.5mm/min

— Compression Force



Properties	Unit	F6031
Elastomer Binder		Silicone
Color		Black
Physical Properties		
Density	g/cm ³	0.83
Hardness	Shore A	20
Cure System		Moisture
Adhesion Al metal	N/cm ²	>70
Tensile Strength	psi	>150
Elongation	%	44%
Tear Strength	lbf/in	>50
Compression Set @70°C, 72 hrs.	%	30
Temperature Range	°C	-45 to 150
Maximum Using Temperature	°C	200
Electrical Properties		
Volume Resistivity	Ohm-cm	1 x 10 ¹⁴
Dielectric Strength	kV / mm	20

This information and our technical advice – whether verbal, in writing or by way of trials – are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with our General Conditions of Sale and Delivery.

REV.1.0