

F-6031

Environmental Form-In-Place Foam Gasket

Characteristics:

TennVac's F-6031 is a silicone foam material designed as a water and environmental sealed Form-In-Place gasket, It is not electrical conductive but provides extremely resilient elastic gasket with good adhesion on general plastics and metals.

Features:

- No content of silicone oil, no silicon oil migration concern
- Very elastic foam property, low compression force
- Low surface tension, low water absorption
- Dry surface, no dust accumulation concern
- Ozone and UV resistance

Applications:

- Base Station
- Telecommunication Devices

Typical Properties:

Properties	Unit	Result
Elastomer Binder		Silicone Foam
Color		Black
Solid Content	%	100
Physical Properties		
Specific Gravity	g/cm	0.46
Hardness	Shore A	22 +/- 3
Ph Value		7
Tensile Strength	Kgf/cm ²	14.0 +/- 2
Adhesion Strength	Kgf/cm ²	> 5
Elongation	%	> 100
Compression Set	%	> 50
Temperature Range	°C	-50 ~+150
Maximum Using Temperature	°C	200
Electrical Properties		
Volume Resistivity	Ohm .cm	> 1 x 10 ¹⁴
Dielectric Constant	KV/mm	20
Cure Mechanism		
Skin Dry	Min	< 20
Full Cure	Days	7

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TennVac Inc. www.tennvac.com

Tel: +886 2 2695-1213 Fax: +886 2 2695-1187 Email: Sales@tennvac.com

Address: 4F, No. 31-1, Lane 169, Kang-Ning St., Hsi-Chi City, Taipei Hsien, Taiwan