

F-6002

Non-Conductive Form-In-Place Gasket

Characteristics:

TennVac's F-6002 is 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.

It is a two component, heat curable Silicone system, can be fabricated by Form-In-Place or other process

Features:

- UV resistant silicone with minimum degradation
- Short curing cycle, within one hour, to meet high production rate products
- No leaking of silicone oil under high temperature/pressure
- Very elastic rubber property, low compression force

Applications:

- Base Station
- Telecommunication Devices

Curing:

- 80°C x 60 min.

Typical Properties:

Properties	Unite	F-6002	
Elastomer Binder		Silicone	
Color		Hazy Red	
Conductive Filler		None	
Physical Properties			
Specific Gravity	g/cm ³	1.2	
Shore A Hardness		27	
UV Resistance (CNS 6988, QUV 250 hours)		Before	After
Elongation	%	404	384
Tensile Strength	psi	132	130
Tear Strength	lb/in	60	
Compression Set	%	< 5	
Temperature Range	°C	-45 ~+150	
Maximum Using Temperature	°C	200	
Electrical Properties			
Volume Resistivity	Ohm -cm	1 x 10 ¹²	

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