

## Form-In-Place Sealing Gasket

## F6023



### Description

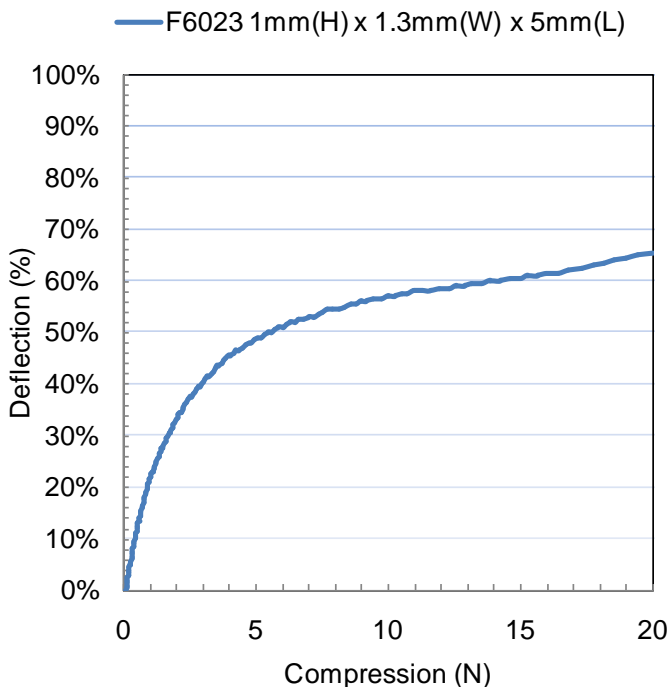
The F6023 is a water and environmental seal Form-In-Place gasket. This product is designed as a non-electrically conductive option with the added benefits of a resilient elastic gasket and good adhesion on general plastics and metals.

The F6023 is a room temperature curable silicone 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
- This material has precise elastic rubber properties designed for a low compression force
- An accuracy for gasket location within 0.001" (0.025 mm)

Compression and Deflection on F6023



Properties	Unit	F6023
Elastomer Binder		Silicone
Color		Black
<b>Physical Properties</b>		
Specific Gravity	g/cm <sup>3</sup>	1.02
Hardness	Shore A	20
Curing time (20°C, 60% RH)	Day	1~2
Adhesion Al metal	N/cm <sup>2</sup>	>50
Tensile Strength	psi	500
Elongation	%	300
Tear Strength	lb/in	100
Compression Set	%	15
Temperature Range	°C	-45 to 150
Maximum Using Temperature	°C	200
<b>Electrical Properties</b>		
Volume Resistivity	Ohm-cm	1 x 10 <sup>14</sup>
Dielectric Strength	kV / mm	20

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