

# Technical Data Sheet

General Industrial

## PS-2928

### Product Description:

PS-2928 is a firm nonconductive silicone foam used for sealing and shock absorption in automotive, aerospace, consumer electronics and industrial applications.

### Construction / Properties:

Property	Value	Test Method
Thickness(mm)	1.59 - 6.35	QSP-726
Color	Dark Gray	--
Hardness (Shore 00)	65	ASTM D2240
Density (kg/m <sup>3</sup> )	490±70	ASTM D1056
Water Absorption (72 hour submerssion)	3%	--
Tensile Strength (kPa)	≥400	ASTM D412
Elongation (%)	≥100	ASTM D1056
Tear Strength (g/mm <sup>2</sup> )	538	ASTM D624
Compression Set (%)	≤5 at 100 C / ≤5 at 175 C	ASTM D1056
Total Mass Loss (@125 C/24 hrs)	0.33%	ASTM E595**
Flame Resistance	V0	UL94
Thermal Conductivity (W/m K)	0.23	ASTM C518
Dielectric Breakdown Strength (kV/mm)	3.4	ASTM D412
Volume Resistivity (Ω cm)	2.38 x 10 <sup>15</sup>	ASTM D257
Continuous Use Conditions	-55 - 200 C	QSP-754

\*\*Tested at atmospheric pressure

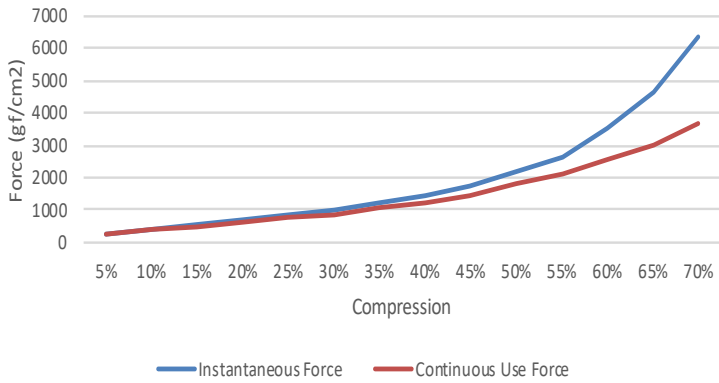
## Features:

- Good Resistance to Compression Set
- Good Chemical Resistance
- Waterproof: IP68
- Highly Elastic
- Flame Retardant
- Low Water Absorption
- RoHS and HF Compliant
- Shelf Life: 10 years

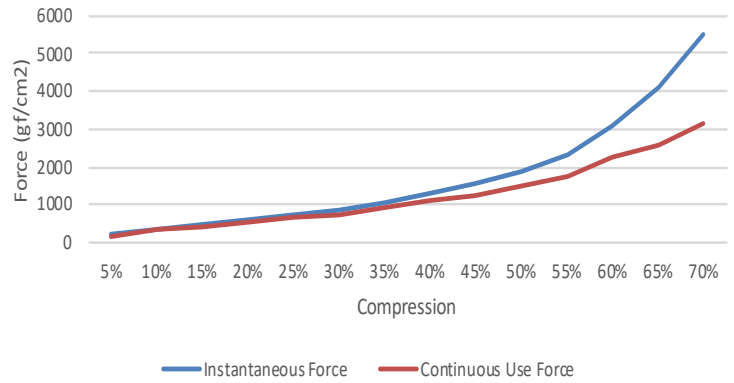


Silicone Foam

### 4.0mm Compression Force Deflection



### 5.0mm Compression Force Deflection



Specific tests should be performed by the end user to determine the product stability for the particular application.

## For Additional Information:

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