

# Technical Data Sheet

General Industrial

## PS-2923

### Product Description:

PS-2923 is a soft 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)	3.18 - 12.7			QSP-726
Color	Black			--
Hardness (Shore 00)	14			ASTM D2240
Density (kg/m <sup>3</sup> )	205±40			ASTM D1056
Water Absorption (72 hour submersion)	234%			--
Tensile Strength (kPa)	3.18mm	>3.18mm≤7mm	>7mm	ASTM D412
	≥120	≥90	≥80	
Elongation (%)	≥80			ASTM D1056
Tear Strength (g/mm <sup>2</sup> )	90			ASTM D624
Compression Set (%)	≤5 at 100 C / ≤5 at 175 C			ASTM D1056
Total Mass Loss (@125 C/24 hrs)	0.45%			ASTM E595**
Flame Resistance	V0			UL94
Thermal Conductivity (W/m K)	0.03			ASTM C518
Dielectric Breakdown Strength (kV/mm)	3.1			ASTM D412
Volume Resistivity (Ω cm)	8.15 × 10 <sup>14</sup>			ASTM D257
Continuous Use Conditions	-55 - 200 C			QSP-754

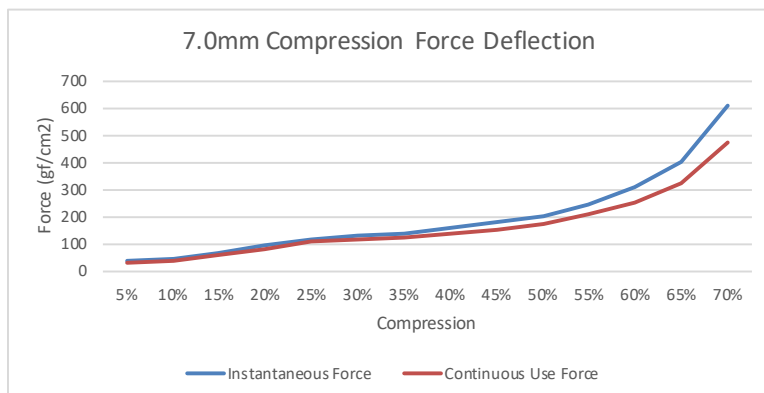
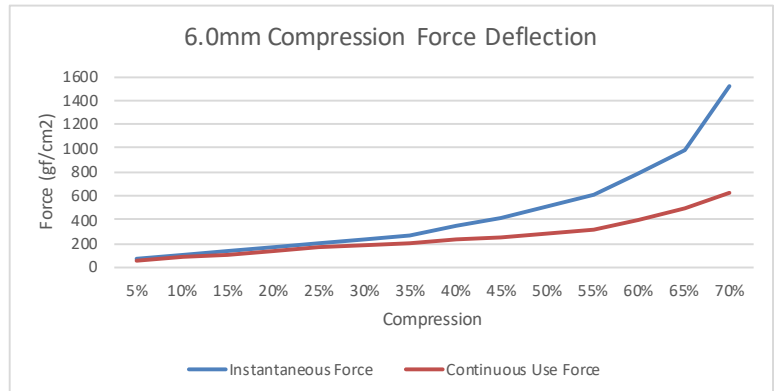
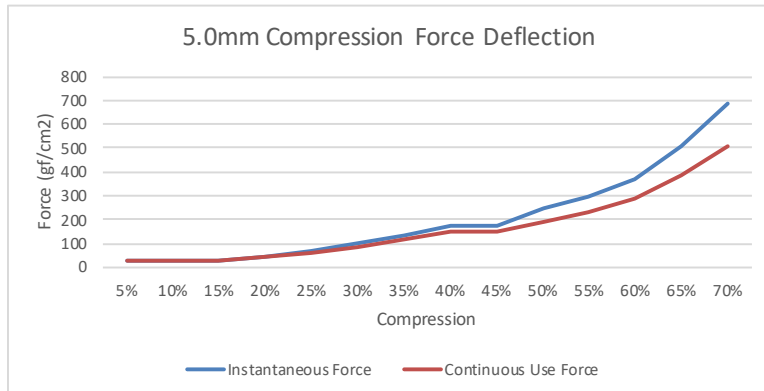
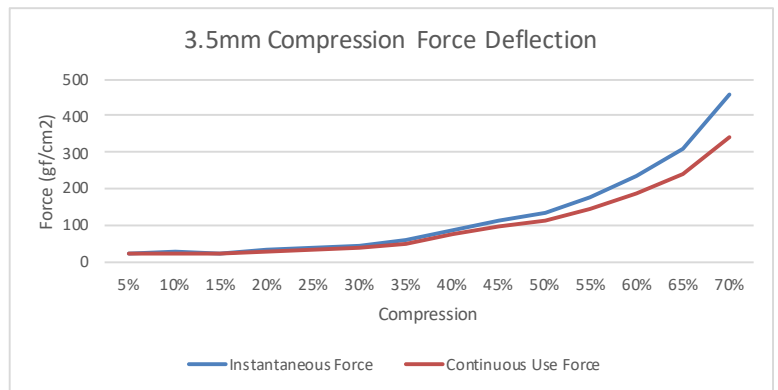
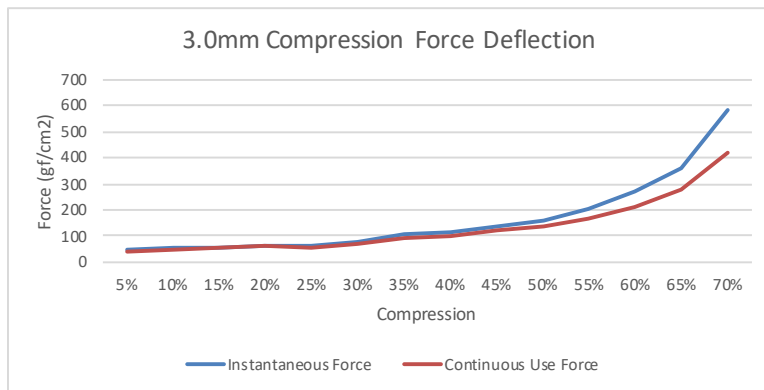
\*\*Tested at atmospheric pressure

## Features:

- Good Resistance to Compression Set
- Good Chemical Resistance
- Protects against Solid Contaminants: IP6x
- Highly Elastic
- Flame Retardant
- RoHS and HF Compliant
- Shelf Life: 10 years



Silicone Foam



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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Revision: 081624