

Technical Data Sheet

General Industrial

PS-2928-xxTA

Product Description:

PS-2928-xxTA is a firm nonconductive silicone foam used for sealing and shock absorption in automotive, aerospace, consumer electronics and industrial applications. An acrylic adhesive is supplied on one side of the foam to allow for adhesion to a wide variety of substrates.

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 ³)	490±70	ASTM D1056
Water Absorption (72 hour submersion)	3%	--
Tensile Strength (kPa)	≥400	ASTM D412
Elongation (%)	≥100	ASTM D1056
Tear Strength (g/mm ²)	538	ASTM D624
Compression Set (%)	≤5 at 100 C / ≤5 at 175 C	ASTM D1056
Adhesion to SUS	>100 N/100mm	ASTM D3330
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 × 10 ¹⁵	ASTM D257
Continuous Use Conditions	-55 - 200 C	QSP-754

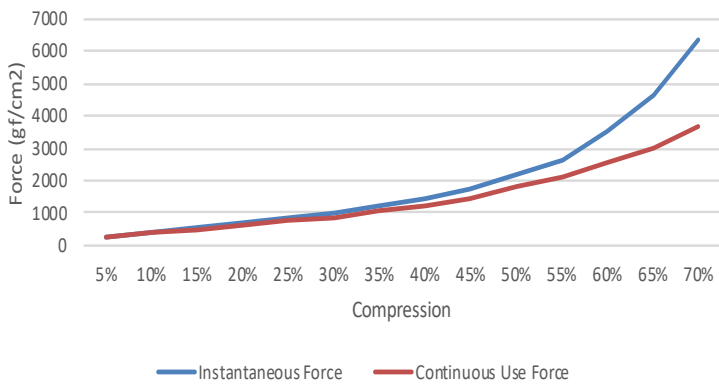
**Tested at atmospheric pressure

Features:

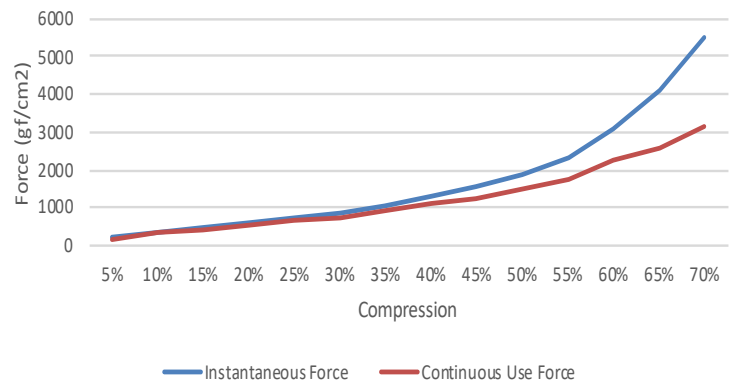
- Good Resistance to Compression Set
- Good Chemical Resistance
- Highly Elastic
- Flame Retardant
- Low Water Absorption
- RoHS and HF Compliant



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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