

Technical Data Sheet

General Industrial

PS-2926-xxTA

Product Description:

PS-2926-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.

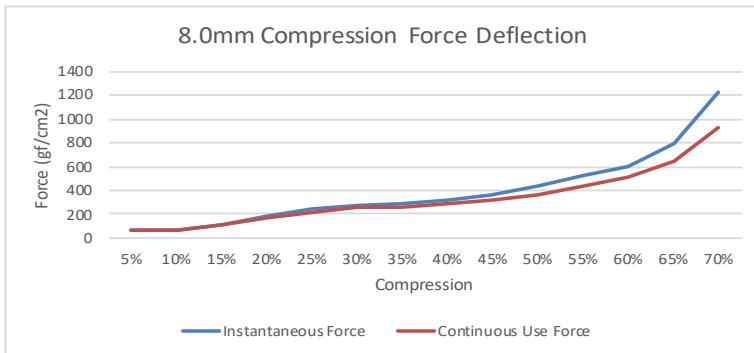
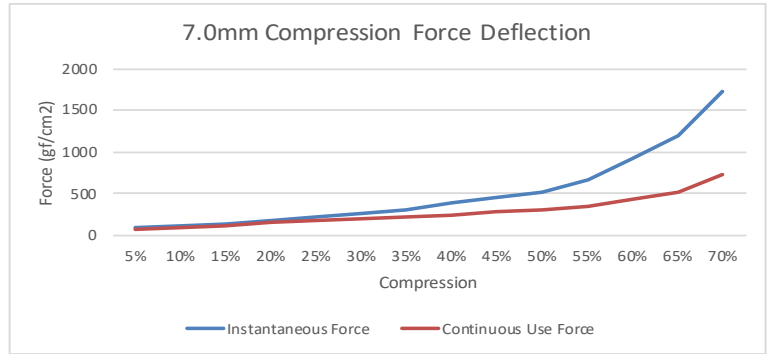
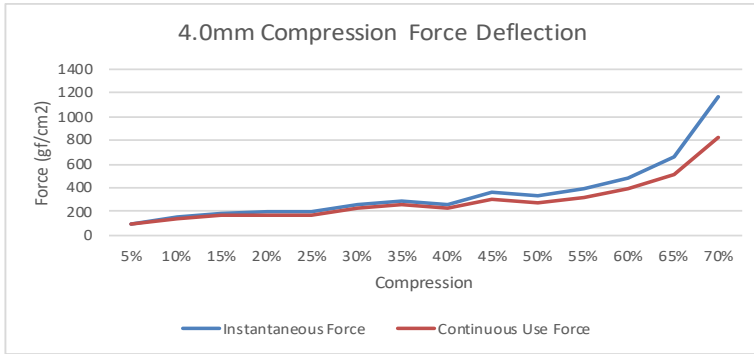
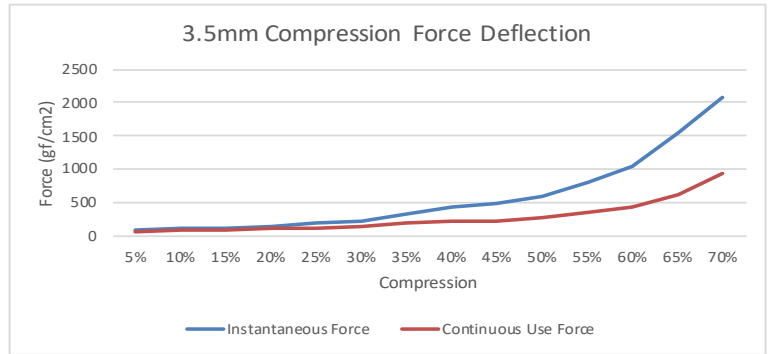
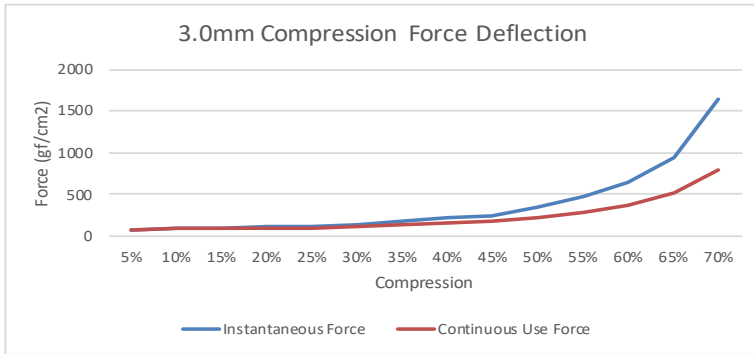
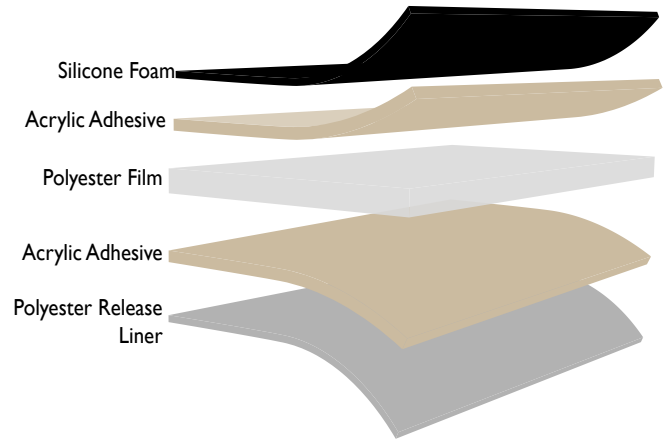
Construction / Properties:

| Property | Value | Test Method | | |
|---|---------------------------|-------------|------|------------|
| Thickness(mm) | 1.59 - 25.4 | QSP-726 | | |
| Color | Gray, Black | -- | | |
| Hardness (Shore 00) | 25 | ASTM D2240 | | |
| Density (kg/m ³) | 250±40 | ASTM D1056 | | |
| Water Absorption (72 hour submerssion) | 12% | -- | | |
| Tensile Strength (kPa) | ≤3mm | >3mm≤7mm | >7mm | ASTM D412 |
| | ≥170 | ≥150 | ≥100 | |
| Elongation (%) | ≥70 | ≥60 | ≥60 | ASTM D1056 |
| Tear Strength (g/mm ²) | 128 | 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) | 0.54% | ASTM E595** | | |
| Flame Resistance | V0 | UL94 | | |
| Thermal Conductivity (W/m K) | 0.17 | ASTM C518 | | |
| Dielectric Breakdown Strength (kV/mm) | 4.00 | ASTM D412 | | |
| Volume Resistivity (Ω cm) | 5.76 × 10 ¹⁴ | 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



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: 031723

