

SSP2554

80 Durometer Silicone

PRODUCT DESCRIPTION

SSP2554 is a 80 durometer product has been used typically for parts required to operate from -85 to 400 °F (-65 to 205 °C). Silicone elastomer is resistant to deterioration by weathering and petroleum-base lubricating oil and remains flexible over the temperature range noted, but usage is not limited to such applications. The physicals are tested to the **AMS-3305J** Specification.

<i>Test</i>	<i>Specifications</i>	<i>Typical Values</i>
Shore A	75 - 85	77
Tensile Strength, psi	650 min	1208
Elongation %	100 min	250
Tear-B, ppi	25 min	88
Comp Set (70/150°C), %	30 min	21
Specific Gravity	1.37-1.43	1.40
Fluid Immersion (IRM901 Oil)		
Shore A change, points	-15 max	5
Tensile change, %	-20 max	-5
Elongation change, %	-15 max	-7
Volume Change, %	15 max	3.8
Heat Age 70 hours @ 225°C		
Shore A change, points	10 max	6
Tensile change, %	-25 max	-22
Elongation change, %	-40 max	-38
Low Temperature Brittle Point @ -65°C		
	Pass 5 of 5	Pass
Cure Profile: Compression cure for 10 minutes at 142°C (288°F).		

CATALYST

- Uncured compound is available catalyzed and ready for compression molding or extrusion.
- Data above was generated with (240-DCLBP) Peroxide catalyst system.
- Available in Light Gray
- Normally processed at 142°C (288°F).

SHELF LIFE

Catalyzed – 2 months. Cold storage will extend shelf life. (Store below 80°F)

HANDLING & SAFETY

SDS information is available on request.

For more information visit www.sspinc.com.

To order call **(518) 885-8826/** or Fax **(518) 885-4682**.

Specialty Silicone Products, Inc.

Corporate Technology Park * 3 McCrea Hill Road * Ballston Spa, NY 12020

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