HERNON®
Formulating Solutions

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Silastomer® 340

Product Description

Hernon® Silastomer® 340 is a one-component, acetoxy, moisture curing RTV (room temperature vulcanizing) ready-to-use adhesive / sealant and gasketing compound.

Can be used as a form in place gasket material where temperatures may reach up to 600°F. **Silastomer® 340** will remain flexible with excellent resistance to aging and vibration.
Meets MIL-A-46106B Type 1 requirements.
FDA compliant with Regulation Title 21 CFR 175.105 where incidental food contact may be involved.

Typical uses are to replace conventional paper and cork gaskets in:
Automotive
- Valve Covers
- Axle housings
- Water and oil pump seals
- Thermostat housings
- Timing chain covers
- Solenoid covers

Commercial
- Pump and compressor gaskets
- Air conditioning gaskets
- Ductwork gaskets
- Wire and cable insulation

Typical Properties (Uncured)

Property	Value
Base	Acetoxy Polysiloxane
Color	Red
Viscosity	Thixotropic Paste
Specific Gravity	1.007
Extrusion Rate, 1/8 in bead, 90 psi air pressure	250-500 g/min
Application Temperature Range (uncured)	-35°F to 150°F (-37°C to 65°C)
Flash Point	See SDS

Directions for Use

Surfaces should be clean and dry. Recommend cleaning surface with a solvent like Mineral Spirits. For gasket applications, apply an even bead to one surface. Surround all bolt holes. Press parts together, and torque normally. On surfaces where adhesion is not required, a light coat of oil or grease will aid in releasing the parts.

Not recommended for cylinder heads, manifolds or in contact with fuels.

To remove – can be wiped off parts before cured. After material cures, abrade or scrape from the surface.

Typical Properties (Cured)

Physical Properties

Property	Value
Gap Cure, in. (mm)	0.25 (6)
Tack Free Time at 77ºF, minutes	≤30
Full Cure at 77ºF, 0.25 in. bead, hours	24
Peel Strength, Aluminum/ Stainless Steel, ppi	≥15
Hardness, Shore A	18- 25
Tensile Strength at break ASTM D142, psi	≥175
Elongation, %	≥350
Operating Temperature Range short periods, ºF	-70 to 600
Operating Temperature Range continuous, ºF	-70 to 500

General Information

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Storage
Silastomer® 340 should be stored in a cool, dry location in unopened containers at a temperature between 46ºF to 85ºF unless otherwise labeled. To prevent contamination of unused material, do not return any material to its original container.