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PRODUCT DATA SHEET

CLEAR RTV SILICONE INSTANT GASKET

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Pacer Technology's **PRO SEAL® CLEAR RTV SILICONE** is designed to waterproof, bond, seal, caulk and insulate. It bonds metal, glass, leather, vinyl, rubber, fabric and polished wood. Clear RTV is a low volatile formula and can be used to seal windshield glass, windows, insulate electrical wires and fixtures, and repair hoses and plumbing leaks.

PROPERTIES

Liquid State:

Chemical Base	Acetoxy Silicone
Flashpoint (COC)	>250 ⁰ F (>121 ⁰ C)
Color	Clear
Viscosity	Thixotropic paste
Vapor Pressure	<5mmHg
Vapor Density (Air=1)	>1
Specific Gravity	1.04
Evaporation Rate (Ether=1)	N/A
Extrusion Rate	400g/min (1/8 in. orifice, 90 psi)

Cured State:

Service Temperature Range	-75°F to +400°F (-59°C to +204°C) Continuous -75°F to +500°F (-59°C to + 260°C) Intermittent
Pressure Resistance	5000 psi
Elongation	600%
Average expected shrinkage	0.4%
Tensile Strength	325 psi
Hardness (Shore A)	27 (after 24 hours @ 50% Rel. humidity) 30 (after 72 hours @ 50% Rel. humidity)
Tack-free Time, minutes	10-20 (@ 250C, 50% Rel. humidity)
Full Cure (3.18mm thickness)	24 hours

STORAGE AND SHELF LIFE

Store Material in original containers in a cool, dry location. After opening, store uncapped, letting material slightly ooze out of nozzle. Remove cured plug in nozzle before next use. Stored under these conditions, a one year shelf life can be expected.

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APPLICATION DIRECTIONS

1. Remove old gasket and gasketing material thoroughly. Clean oil and grease from surfaces. Be sure surfaces are dry.
2. For power can, hold can at 45° angle and push nozzle to apply.
3. Choose bonding application – use 1/16" to 1/4" diameter bead:
 - For joint bonding**, apply a bead of silicone to one mating surface. If joint is to be regularly opened, apply a light film of oil to other mating surface before closing.
 - For gasket replacement**, apply to 1 surface in an unbroken, uniform bead, encircling all bolt holes.
 - For gasket dressing**, apply to both sides of precut gasket before installation.
4. Allow sealant to skin (about 15 minutes) before assembling parts.
5. Assemble parts and do not over tighten bolts or joint. Full cure in 24 hours.
6. Excess material can be removed from parts by trimming with sharp blade. Avoid undercutting the seal.
7. If entire contents are not used, leave 3/8" of silicone beyond nozzle opening. When ready to reuse, pull out cured silicone.

For chemical removal of RTV Silicones, use methylene chloride or D-Limonene.

SAFETY AND HANDLING PRECAUTIONS

Avoid contact with eyes and skin. Uncured sealant liberates acetic acid, evolved during cure on exposure to water or moist air. Observe exposure limits for acetic acid. Sealant may cause irritation to eyes; contact lens wearers should take appropriate precautions. **FIRST AID:** In case of eye contact, flush with water for 15 minutes, obtain medical attention. In case of skin contact, removed uncured sealant with dry cloth or paper towel, wash with soap and water. If swallowed, seek medical advice immediately and show the container label. Use in a well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

For more information, refer to Material Safety Data Sheet, available upon request. In case of emergency, call CHEMTREC (800) 424-9300, Pacer Technology (800) 538-3091 or (909) 987-0550.

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PART NUMBER: N80065 – 1 oz tube
N80066 – 3 oz tube
N80067 – 11.1 oz cartridge
N80730 – 8 oz power can

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