

PACER[®]
TECHNOLOGY

INDUSTRIAL • PRIVATE LABEL



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HYDRAULIC PNEUMATIC SEALANT

Pacer Technology Hydraulic Pneumatic Sealant is a fast curing, high strength anaerobic product that is especially designed to seal against leakage of hydraulic fluids. Pacer HPS is formulated without fillers which might otherwise clog sensitive hydraulic filters and pumps. Uncured excess HPS inadvertently introduced into hydraulic systems is completely soluble in hydraulic fluid and will not clog filters, valves or pumps. This product has excellent chemical resistance and works on all metal fittings to form a resilient seal against high pressure and severe vibration. Fixture time may be shortened and gap fill capacity may be increased through the use of Pacer Technology Anaerobic Primer. Disassembly of parts is accomplished with normal tools.

PROPERTIES:

<u>LIQUID:</u>	
Chemical Description	Anaerobic compound
Color	Purple liquid
Viscosity, cps	18,000 – 24,000
Flashpoint, ° F (TOC)	>392 ⁰ F (>200 ⁰ C)
Specific Gravity (@ 20 ⁰ C)	1.02
Fitting Size	Up to 2 inch diameter

<u>CURED MATERIAL:</u>	
Fixture Time, minutes	<20 min. @ 72 ⁰ F (with primer)
Fixture Time, minutes	4 hours (no primer)
Full Cure, hours	24 hours @ 72 ⁰ F
Cure Activity	Fastest on steel, slower on plated, inactive metal or galvanized fittings
Compression Shear, steel, psi, 24 hr	>220
Pressure Resistance, psi	Up to 10,000
Chemical Resistance, @ 72F – (oil, water-glycol, gasoline, transmission fluid, ethanol, brake fluid, normal lubricants)	>90% retention of strength after 1000 hr immersion tests
Thermal Service Range	-65 to 300 ⁰ F (-54 to 149 ⁰ C)



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APPLICATION AND CURE CHARACTERISTICS:

Fixture and cure speed is dependent upon surface activity of the metal being utilized. Pacer Anaerobic Primer can be used to speed up cure. The use of primer can cause some strength loss and performance should be tested. Apply sealant to three or four of male threads near the open end of the fitting and assemble. Excess adhesive on the outside of the joint will not cure, and can be removed with a solvent-soaked cloth.

STORAGE AND SHELF LIFE:

For optimum results, store below 90⁰ F (32⁰ C) in original containers. Stored under these conditions, a one-year shelf life can be expected.

SAFETY AND HANDLING PRECAUTIONS:

Liquid adhesive can irritate skin and eyes. May cause dermatitis on prolonged contact in sensitive individuals. In case of eye contact, flush with water for 15 minutes, see a physician if symptoms persist. If swallowed, do not induce vomiting. Get immediate medical attention. Use of safety glasses, protective clothing and gloves recommended for prolonged exposure to liquid adhesive.

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

PART NUMBER: FG08020 - 50ml, FG08025 – 250 ml

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