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PRO WELD COLD WELDING COMPOUND

Pacer Technology's Pro Seal PRO WELD Cold Welding Compound is a two-part epoxy adhesive system that is formulated to resist temperatures up to 300⁰F and withstand drilling, machining or sanding. Typical applications include the repair of cracks in transmission and rear end casings, manifolds, radiator seams, casting defects and keyways.

PROPERTIES - LIQUID PRODUCT		
Chemical Base	Epoxy resin	Epoxy hardener
Color	Dark Gray or Black paste	Gray paste
Mix Ratio	1:1 mix of equal parts	
Viscosity, cP	165,000	168,000

PROPERTIES - MIXED PRODUCT	
Pot Life	15 Minutes
Fixture Time	60 Minutes
Full Cure	12 - 24 hours
Maximum Gap	.25"
Tensile Strength, ASTM D638	2500 psi (± 10%)
Tensile Shear Strength	
ASTM D 1002, Steel/Steel	1100 psi (± 10%)
Service Temperature Range	-65 ⁰ F to +250 ⁰ F (-54 ⁰ C to +121 ⁰ C)
Hardness, Shore D	45 (After curing 60 minutes) and 80 (After full cure)

USE INSTRUCTIONS

1. Surfaces should be clean and dry, free from oil and grease.
2. Roughen surfaces with emery cloth or sandpaper for best results.
Remove all residual dust.
3. Mix equal amounts of resin and hardener thoroughly, for approximately 1 minute.
4. Apply to both surfaces and mate parts together.
5. Remove excess epoxy immediately with denatured alcohol.
6. Fixtures in 60 minutes, full cure in 12 to 24 hours.

PRODUCT NUMBER: N64600

Rev 5 – 2016 kr

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