Anaerobic Gasket Maker

ADHESIVE R&D's **Redline** is a fully traceable gasket gel, which was designed to screen print, be applied by hand, or by squeegee/roller coating. The product overcomes the problems associated with pre-cut gaskets, while improving the seal's reliability as a form in place liquid gasket.

RubberMax Redline is a smooth homogeneous single component material. It's viscosity and gel like consistency are designed for traceability and ease of application. The product cures at room temperature and cures through gaps of up to 0.050" (1.25mm approx.) when used with a primer. (Typically 0.5mm when no primer used)

RubberMax Redline will rapidly polymerize on assembled parts at room temperature and allows for in line seal testing.

Once fully cured **RubberMax Redline** will seal all surface imperfections between mating flange faces providing a tough resilient seal that is solvent resistant, and unaffected by flange movement, vibration and through pressurization changes within it's specification.

The use of a primer is generally not recommended with this product, The on board cure system in this product would make it difficult to position parts before cure.

Active surfaces include Steel, iron, copper*, brass, bronze, nickel and magnesium plus commercial aluminum** Product cures slower on these Inactive surfaces including zinc, Stainless Steel, cadmium, passivated/anodized surfaces.

**Copper & brass are highly active, short assembly times*
***Copper content in aluminum can vary drastically*

ADHESIVE R&D

Physical Properties

Composition Anaerobic: Dimethacrylate

Appearance: Thixotropic Transition Gel

Color: Red

Viscosity: 1,200,000 cps

Specific Weight: 1.12 approx

Flash Point: > 200° C

Solvent Content: None

Shelf Life @ 72°F: 2 years in 6ml tubes

Typical Cured Properties

Typical Cure rate
80% of full strength 15 min. @ 25°C*
*Adhesive R&D Lap shear Test
16% Adhesion 26%Prevail 30 min. ASTMD5363

Shear Strength ASTM D1002
Typical 6.1 N/mm2
890 PSI
Typical elongation before break .025

Tensile Strength
Up to 7.2 Nmm2

Chemical Resistance % Strength	100	500	1000 Hrs
Motor Oil @ 125°C	100	100	100

RECOMMENDATIONS
Always pre-test assembly times on highly active bronze brass and copper. Do not use on Oxygen rich systems. Some wash systems use detergents which can affect the cure system, always check these first.

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