

UPS 115 XL Extended Life Metal Repair Paste

Is a two component solvent free epoxy metal repair compound with an extended useable life for hotter climates. The product has been designed for use on a wide range of metallic surfaces and once cured is readily machinable.



UniquePolymerSystems.com

The Engineer's Choice

... for Solutions

The product is suitable for repairs to equipment such as worn or damaged pump shafts, cracked pump or valve casings, scored hydraulic rams, worn bearing housings, damaged flanges, leaking tank seams and cracked engine blocks, etc.

Unique Properties

Two component solvent free epoxy

1:1 mixing ratio by volume

Useable life 60 minutes (20°C)

Initial set 4 hours (20°C)

Hard dry for machining 12 hours (20°C)

Shore D Hardness (ASTM D2260) 85

Mechanical Properties

Adhesion

Tensile Shear Adhesion (ASTM D1002)

17.24Mpa (2500psi)

Compressive Strength

Tested to ASTM D695

70Mpa (10000psi)

Heat Distortion

Tested to ASTM D648

60°C (140°C)

Flexural Strength

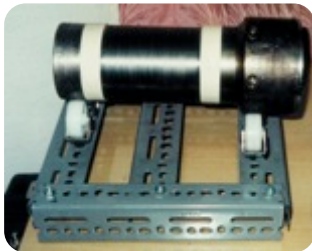
Tested to ASTM D790

56Mpa (8000psi)

Maximum Operating Temperatures

Dry Heat
Wet Heat

120°C (248°F)
70°C (158°F)



Pump Shaft Repair



Steel Mill Hammer Foundation