

**PES 106 Power Metal Repair Paste XF** 

106 Metal Repair Paste XF is a two component fast curing solvent free epoxy repair paste. The product has been designed for use on a wide range of metallic surfaces and is tolerant of less than ideal surface preparation. The material can be used to make emergency repairs to worn surfaces, damaged pump shafts, cracked pump or valve casings, damaged flanges, leaking tank seams and cracked engine blocks.



Two component Solvent free epoxy 1:1 mixing ratio by volume Usable life 5 minutes @ 68°F (20°C) Touch dry 25 minutes @ 68°F (20°C) Full Cure 45 minutes @ 68°F (20°C) 80 Rockwell R Hardness (Once fully cured) Applied by spatula or applicator tool

## **Mechanical Properties –**

Adhesion

Tensile Shear to ASTM D1002 (185 kg/cm<sup>2</sup>)2630psi

Compressive strength

2630psi (185 kg/ cm<sup>2</sup>)Tested to ASTM D 695

Lap Shear

Tested to ISO 4587 3400psi  $(240 \text{kg/cm}^2)$ 

Peel Strength

Tested to ISO 4578 725psi (5N/mm<sup>2</sup>)

**Heat Resistance** 

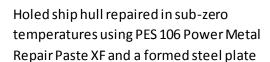
Suitable for water immersion up to 140°F (60°C) and intermittent contact with steam up to 212°F (100°C). Dry heat resistance up to 230°F (110°C).



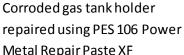
Available in 500gm pack sizes

















POLYMERIC ENGINEERED SOLUTIONS, 5401 HWY 21 W, BRYAN, TX 77803 PH: 979-779-8700 www.pes-solutions.com pes1@pes-solutions.com