



Slow Cure Sealant

TECHNICAL DATA SHEET

DESCRIPTION

The PowerPatch® Slow Cure Paste Sealant is a two-part, resin system designed to make permanent repairs. The cured resin maintains a high level of adhesion and structural integrity in typical outside plant environments to insure a quality leak repair.

USAGE

PowerPatch® High Strength is a sealant designed for seal leak on difficult to adhere to surfaces and conditions. Sealant bonds to polyethylene, lead, aluminum, ceramic and steel.

TYPICAL PROPERTIES

Handling

Color Part A..... Black
Part B..... White
Mixed..... Dark Grey
Mixed Consistency..Non-sag, Thick Paste
Specific Gravity..... >2

Work Time 60 Minutes (70 °F)
Functional Cure Time..... 24 Hours (70 °F)
Application Temperature... 45 °F to 120 °F
Usage Temperature -40 °F to 230 °F
Cured Hardness..... 75 Shore D
(ASTM D2240)

Performance

Tensile Shear Strength (ASTM D1002)
>1,000 lbf/inch² (aluminum)
155 lbf/inch² (polyethylene)
Chemical resistance, 7 days/50° C (ASTM 543)
(Solute) % weight change:
(Tap water) 1.0%
(1% soap) 1.3%
(5% acetic acid) 6.3%
(3% sodium hypochlorite) 0.2%

Flexural Strength and Strain (ASTM D790)
8,022 lbf/in²
1.06 X 10⁻² in/in
Dielectric (ASTM D149)
43 kV

Environmental Resistance

Pressure Testing:..... 300 psi (galvanized steel)
80 psi (polyethylene)
Temperature Cycling:.... Passes adhesion testing after 10 cycles, -22 °F to 200 °F

Important Notice: The statements here are made in good faith based on tests and observations we believe to be reliable. However, the completeness and accuracy of the information is not guaranteed. Before using, the end-user should conduct whatever evaluations are necessary to determine that the product is suitable for the intended use.

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and Pull-Planner™ Software**



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