



Zip Patch Permanent Repair System



Reduce Downtime with Fast-Setting, Fiber-Reinforced Patch Kit for Field Repairs



Easy to Use

- 4 x 9 in 2-part system is individually packaged for ease of use in the field
- Multiple patch kits can be combined for larger projects
- Low odor, non-sag formulation
- Good tack in uncured state for applying to various substrates

Reduced Repair Time

- Room temperature cure in just 1 hour
- Minimal surface prep required
- Pressure applied by hand with plastic applicator (provided) – no need for vacuum bag or heat

Reliable Performance & Quality

- Bonds dissimilar substrates including metals, plastics and composites
- Fiber reinforced for strength and toughness
- Strong, primerless adhesion to most substrates
- Suitable for waterproof applications
- Excellent chemical resistance to cutting oil, gasoline and antifreeze



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Typical Properties

Cured 7 Days @ 75°F (24°C)	Adhesive Lap Shear	2,400 psi (16.5 MPa) – AL 1,200 psi (8.3 MPa) – ABS, PVC
	Cured Shrinkage	0.0010 in/in (cm/cm)
	Flexural Strength	19,000 psi (131 MPa)
	Solids by Volume	100 %
	Cured Hardness	70 D
	Tensile Elongation	15 - 25%
	Tensile Modulus	192,000 psi (1,324 MPa)
	Tensile Strength	10,000 psi (69 MPa)
	Tpeel	35 pli (6.1 N/mm)

Uncured Properties @ 72°F (23°C)	Average Thickness	1 ply – 0.075 in (1.9 mm)
	Coverage	4 x 9 in (10 x 23 cm) patch
	Fixture Time	1 hour
	Full Cure	4 hours
	Pot Life	5 minutes
	Service Temperature	200°F (93°C)

Refer to our **Technical Data Sheets** and **Safety Data Sheets** for additional technical and safety information.

Packaging

Item no.	Description
11500	Zip Patch Kit 4 x 9 in (10 x 23 cm)

Emergency Equipment Repair at your Fingertips:
Achieve peace of mind with the long-lasting solution that reliably seals holes and cracks in 1 hour.

Zip Patch Approximate Burst Strength

PVC and Steel Pipe Repairs

Sample A: Control sample done of 7/8 in (22 mm) PVC pipe (Schedule 80). No holes. Pipe pressurised with cap on opposite end. Burst measured at 2596 psi (179 bar).

Sample B: A 7/8 in (22 mm) PVC pipe drilled with two 1/8 in (3 mm) holes in opposing locations. Pipe was wrapped with impregnated fibreglass 1-1/2 times providing a single layer over one hole and a double layer over the second hole. Burst measured at 2494 psi (172 bar).

Sample 3: A 7/8 in (22 mm) PVC pipe cut with hacksaw blade to make 7/8 in (22 mm) opening. Patched with double wrap of impregnated fibreglass. Burst measured at 1400 psi (96.5 bar).

The technical information, recommendations and other statements contained in this sheet are based upon good faith tests or experience that ITW Performance Polymers believes are reliable, but the accuracy or completeness of such information is not guaranteed. The information provided is not intended to substitute for the customers' own testing.

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