



Patch N Bond Steel

Repair and rebuild anything made of steel! Hand-mixable, non-rusting, steel-reinforced epoxy putty that quickly repairs or rebuilds anything made of steel.



Features & Benefits

- Fast acting – Cures in less than 10 minutes – Full properties in an hour
- After 60 minutes the application can be sawed, sanded, tapped, drilled, machined, filed and painted.
- Easy to use – Just cut what is needed and mix
- Universal – Bonds to all metals
- Cures to a dark gray metallic color.
- Suitable for interior or exterior use, it is resistant to water, chemicals, and extreme temperatures.
- Will not shrink or pull away
- Non flammable, contains no solvents or VOCs and does not release any noxious fumes

Part N°: 86025
Stock code: PNBS
114g

Applications

Patch 'n' Bond Steel makes permanent repairs on:

- Water pipes and pipe joints
- Oil and water tanks
- Fuel lines, carburetors
- Transmission cases
- Radiators
- Ductwork
- Cracks and voids in metal

Rebuilds

- Stripped threads
- Small machine parts
- Rust damaged metals

Reforms

- Custom tools, handles
- Prototype parts
- Anchor machines

Instructions

1. Before applying, roughen and clean the area to be repaired
2. Cut or twist off required amount.
3. Mix by kneading with fingers to a uniform color. If mixing is difficult, warm PNBS to room temperature or slightly above.
4. Apply to surface to be repaired within 2 minutes of mixing. Force into any cracks or holes and strike off excess material, preferably with a tool moistened with clean water.

When applying to a damp, wet or slowly leaking area, work the mixed material forcefully into the surface and apply pressure until adhesion begins to take effect.

PNBS has a 3- to 5-minute work life. Functional cure occurs in 60 minutes.



Technical Information

Part number:	86025	Chemical resistance:	Hydrocarbons, ketones, alcohol, esters, halocarbons, aqueous salt solutions and dilute acids and bases.
Description:	Patch 'n' Bond Steel	Electrical resistance:	30,000 Mega ohms
Size:	114g stick	Dielectric Strength:	300 Volts/mil
Customs Tariff code:	3214 90 00	Shore D Hardness:	70-80
SDS:	yes	Shrinkage:	<1%
Shelf life:	24 mths	VOC:	0 g/l
Colour/consistency:	Dark grey putty	Temp Resistance :	-40°C to 120° C constant 150 ° C intermittent
Compressive strength:	55 Mpa (8000 psi - 560kg/cm ²)	NOT INTENDED FOR STRUCTURAL APPLICATIONS	
Lap Shear strength :	6,2 Mpa (63kg/cm ²)		
Initial Cure:	1 hour max.		
Full Cure Time:	24 hours		



SDS available on www.kenturope.com

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