

Product Description

StopGard Pipe Leak Repair Bandage is based upon a fiberglass cloth impregnated with water activated resin and furnished in moisture proof aluminium foil pouch. StopGard is ready for immediate application to the leaking pipework.

Product Characteristics

StopGard exhibits excellent broad ranging resistance to acids, alkalis, mineral oils and alcohols. StopGard is high strength, flexible, long-lasting and accommodates vibration or extreme movement. Compatible with substrates such as metals, PVC/plastics, fiberglass, cement, rubber and wood.

Product Uses

Pipeline: Leak repair of water, steam, sewage, air and fuel pipes.
Other: Transition zone (soil line) overwrap for PCS PetroGard Tape; structural repairs and sealing of joints and ducts, corrosion protection, sealing, water-proofing, including immersed substrates, electrical insulation and dielectric protection.

Product Application

Relieve any fluid pressure in area to be repaired. Isolate and drain section. Clean and roughen at least 50 mm above and below the leak to be repaired. Firmly adherent rust and scale need not be removed. Cut open pouch and soak tape in temperate water for about 20 seconds. Fresh or salt water may be used. Apply the tape at least 50 mm above and below the leak. Use entire roll in one repair. Squeeze and mould by hand in the direction of the wrap, removing excess water and spreading the resin until tacky to touch.

Allow approximately 30 minutes to cure at 25°C. Recommended to wear the gloves provided.

Product Properties

Property	Test Method	Value
Tensile Strength	ASTM D638	174 ± 20 MPa
Flexural Strength	ASTM D709-71	113 ± 10 MPa
Compression Strength	ASTM D695-77	185 ± 20 MPa
Pressure Rating		Up to 3100 kPa after set*
Recommended Wrapping		8 Layers
Di-electric Strength		16 kV
Cure Times		23 minutes @ 36°C 25 minutes @ 28°C 27 minutes @ 21°C 80 minutes @ 16°C 150 minutes @ 10°C 180 minutes @ 5°C
Application Temperature		+15 to + 50 °C
Service Temperature		-10 to +120 °C
Maximum Temperature		+237°C
Shelf Life		2 years stored @ <25 °C

* Under flowing conditions, pressure of the pipe should be less than 410 kPa, while the bandage is setting.

IMPORTANT

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of our materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use, prior to purchase.

Testing (test period: 2 months)	Temp	Type of Surface Changes
Distilled Water	23°C	None
Sulfuric Acid, 10%	23°C	None
Sulfuric Acid, 50%	23°C	None
Hydrochloric Acid, 10%	23°C	30 days, blistering
Hydrochloric Acid, 50%	23°C	30 days, blistering
Nitric Acid 50%	23°C	30 days, blistering
Acetic Acid 10%	23°C	30 days, destruction
Formic Acid 10%	23°C	None
Soda Solution, Saturated	48°C	None
Sodium Hydroxide Solution 20%	23°C	None
Sodium Hydroxide Solution 20%	50°C	None
Ammonia 10%	23°C	30 days, blistering
Hydrogen Peroxide 10%	23°C	30 days, blistering
Fuel Oil & 10% Water	50°C	None
White Spirit	23°C	None
Toluene	23°C	None
Xylene	23°C	None
Methyl Isobutyl Ketone	23°C	60 days, softening
Methanol	23°C	2 days, softening

Product Packaging

Part No.	Width	Length	Carton Qty
PRW5036	50mm	3.6 Metres	15 Packs
PRW7536	75mm	3.6 Metres	12 Packs
PRW1048	100mm	4.8 Metres	10 Packs

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