



# Python Wrap

Python Wrap is a unique, easy-to-use, quick action system, which when properly applied will repair broken parts damaged through everyday wear.



Part N°: 30207 - 1.5m x 50mm roll/pack  
 30242 - 2.7m x 75mm roll/pack  
 30257 - 4.5m x 100mm roll/pack

## Features & Benefits

- Easy to use, Python Wrap is water activated, requires no mixing and is applied by hand
- Non-combustible
- Resistant to petrol, oil, acids, alkali and a wide range of other chemicals
- Can be sanded and painted, initial cure within 30 minutes

## Applications

Python Wrap's high strength adhesion enables quick repairs to pipes, tool handles, engine hoses, tanks, irrigation systems, sprinkler systems and containers.

Python Wrap can be used to plug holes in boats, leaking pipes, sprinkler systems and for numerous types of instant repairs.

Python Wrap's high temperature resistance (260°C) makes it an excellent repair for exhaust systems and other areas subjected to elevated temperatures. Once cured, Python Wrap can be sanded and painted if desired.

Python Wrap will bond to almost anything: Clay, Lead, Steel, Copper, Cast iron, Rubber, Plastics, Concrete, Fiberglass & Aluminum

## Instructions

1. Clean and roughen area to be repaired. Pipes and hoses should be shut down prior to repair.
2. Remove the adhesive backing from the leak patch and apply directly over the break or hole.
3. Wearing enclosed gloves (gloves are most effective when applied to dry hands) tear open foil pouch at the notched area. Remove Python Wrap from the foil pouch and soak in warm water for 20 seconds.
4. Using entire roll, wrap Python Wrap approximately 2 inches above repair area, working it directly over the leak patch. Continue wrapping and extend Python Wrap approximately 2 inches below repair area. Continue wrapping until all Python Wrap is used.
5. Squeeze and mold Python Wrap in the direction of wrap, removing excess water while spreading resin until tacky to touch. Wait 30 minutes before reapplying pressure to the system.



## Technical Information

**Packaging:** Sealed Bag /kit

**Shelf life:** 24 mths

**MSDS:** yes

**Tariff Code:** 3917 32 51

### Chemical Resistance

ASTM D 543, TEST PERIOD 2 MONTHS @ 22 °C

Sulphuric Acid 10% - 50% No change

Hydrochloric Acid 10% - 50% No change

Sodium Hydroxide 20% No change

Nitric Acid 50% Blistering

Gasoline – Toluene – xylene – mineral spirits - No change

### Heat resistance:

**With butyl patch:** 149°C constant,  
260°C intermittent

**Without butyl patch:** 260°C constant on non  
pressurised applications:

**Tensile strength:** 17.5kg/mm<sup>2</sup>

**Flexural strength:** 11.3kg/mm<sup>2</sup>

**Compressive strength:** 1.87kg/mm<sup>2</sup>

**Pressure resistance:** Up to 35.2kg/mm<sup>2</sup>when correctly  
applied

Generally, at 21°C curing is usually sufficient in  
about 2-3 hours. At 8°C please allow 72 hours.



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**KENT (United Kingdom) Ltd, Forsyth House, Pitreavie Drive, Pitreavie Business Park, Dunfermline, Fife, KY11 8US**

**Tel :** 0800 136925 or 01383 723344 between 08:30-17:30 Monday-Thursday, 09:00-15:00 on Fridays.

For out of hours queries please **Fax** us on 01383 735829 or **Email:** [kentinfo.uk@kenturope.com](mailto:kentinfo.uk@kenturope.com)

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