

SYLWRAP HEAVY DUTY PIPE REPAIR

DESCRIPTION

Sylmasta Heavy Duty Pipe-Wrap is a fibre reinforced polyurethane repair tape designed for the rapid repair of cracks and leaks in pipework in high pressure (up to 30 bar) and high temperature situations (up to 250°C). It requires no mixing, it is easy to use, and repaired items can be returned to service in less than thirty minutes.

It is available in 4 sizes: 50mm x 1.8m; 75mm x 2.7m, 100mm x 3.6m and 150 x 5.0m, enabling repairs to be carried out on pipework up to 150mm outside diameter. The cured material is chemically inert and is non-toxic.



PIPE REPAIR:

Steel and Aluminium Works: Steam and water pipes, sludge and slurry lines

Petroleum Plants: Repair on flammable pipe leaks without using tools - oil, gas, water supply lines

Power Stations: Ash transfer systems, pulverized fuel tubes, cooling water lines.

Manufacturing: Sealing of leaks in oil, water and coolant pipes.

Pipe Porosity: Strengthens and seals pipes with porosity due to internal corrosion.

Merchant Shipping, Yachts: Emergency repairs in dock or whilst at sea to fuel lines, water pipes, waste pipes. Also for repairs to ship's structure.

CORROSION & WEAR PROTECTION

Anti-Corrosion, Pipe Protection:

Protect pipes from environmental corrosion and salt water corrosion.

Wear Protection:

Gravel and sand plants, quarries, sugar mills and grain hoppers and coal chutes. Protects pipes and metal parts against abrasive wear.

Concrete and Steel Protection:

Protects concrete pillars and steel structures from salt corrosion.

TECHNICAL DATA

Working time: 2 minutes, depending upon temperature of water and pipework

Cured material life: 20+ years, normal working environment

Initial cure time: 7-10 minutes

Full cure: 30-45 minutes

Shore D hardness: 70

Coefficient of thermal expansion: . . approx. 1.9×10^{-3} per °C

Service conditions:

Max. service temperature: 250°C / 480°F (SylWrap has been used at 250°C with steam at 20 bar for 6 weeks)

Pressure resistance: 30 bar (3 MPa), depending on size of pipe and leak (hole may require epoxy filler first).

Chemical resistance: Acetone, ammonia, sulphuric acid (30%), ethyl alcohol, mineral spirits, gasoline, MEK, toluene, diesel, hydrochloric acid, Varsol, ethylene glycol, crude oil, hydraulic oil (test period of 40 days).

STORAGE

Sylmasta Pipe-Wrap HD should be stored unopened in its original foil packaging in cool, dry conditions. Under such conditions it will have a shelf life of at least 36 months from date of manufacture.

PRESENTATION

Sylmasta Pipe-Wrap is available in four sizes:

SYL206HD Sylmasta Pipe- Wrap, 50mm x 1.8m (for up to 50mm o.d. pipes)

SYL309HD Sylmasta Pipe-Wrap, 75mm x 2.7m (for up to 75mm o.d. pipes)

SYL412HD Sylmasta Pipe-Wrap, 100mm x 3.6m (for up to 100mm o.d. pipes).

SYL616HD Sylmasta Pipe-Wrap, 150mm x 5.0m (for up to 150mm o.d. pipes).

HEALTH & SAFETY IN USE

Sylmasta Pipe-Wrap contains a urethane pre-polymer, which is not classified as hazardous. However, plastic gloves should be worn to avoid unnecessary skin contact with the uncured material. If working on 'live' pipework take every safety precaution necessary to avoid risk of exposure to the leaking material. For further health and safety information please refer to the relevant Safety Data Sheet.

Sylmasta Ltd, Halland House, Dales Yard, Lewes Road, Scaynes Hill, West Sussex, RH17 7PG

Email: sales@sylmasta.com Tel: +44 (0)1444 831459 Fax: +44 (0)1444 831971

The information contained herein is produced in good faith and is believed to be reliable but is for guidance only. Sylmasta and its agents cannot assume liability or responsibility for results obtained in the use of its products by persons whose methods are outside or beyond our control. It is the users responsibility to determine the suitability of any of the products and methods of use or preparation prior to use mentioned in our literature and furthermore the users responsibility to observe and adopt such precautions as may be advisable for the protection of personnel and property in the handling and use of any of our products.