

PIPE WRAP REPAIR BANDAGE

DESCRIPTION

Sylmasta Pipe-Wrap is a fibre reinforced polyurethane repair tape designed for the rapid repair of cracks and leaks in most types of pipework encountered in the engineering, chemical, marine and other manufacturing industries. It requires no mixing, it is easy to use, and repaired items can be returned to service in less than thirty minutes.



APPLICATIONS

Sylmasta Pipe-Wrap is a rolled tape of knitted glass fabric which, being flexible, allows easy application to bends and shaped fittings. The tape is pre-impregnated with a high performance polyurethane resin which will adhere to PVC, GRP, concrete, glass and all metal pipes, and on activation by water it cures to produce a tough, chemical resistant wrap around the item under repair.

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.

TECHNICAL DATA

Working life: 1-2 minutes, depending on temperature of water and pipework.

Initial cure time: 7-10 minutes

Full cure: 30-45 minutes

Shore D hardness: 70

Tensile strength: 30-35MPa

Tensile modulus: 7.5Gpa

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

Service conditions:

Max. service temperature: 150°C

Pressure resistance: 15 – 30 bar (1.5 – 3 MPa), depending on size of pipe and leak.

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

STORAGE

Sylmasta Pipe-Wrap 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 12 months

PRESENTATION

Sylmasta Pipe-Wrap is available in three sizes:

Sylmasta 206 Pipe-Wrap, 50mm x 1.8m (for up to 50mm o.d. pipes)

Sylmasta 309 Pipe-Wrap, 75mm x 2.7m (for up to 75mm o.d. pipes)

Sylmasta 412 Pipe-Wrap, 100mm x 3.6m (for up to 100mm o.d. pipes).

Sylmasta 616 Pipe-Wrap, 150mm x 5.0m (for up to 150mm o.d. pipes).

Sylmasta Pipe-Wrap is also available as part of two comprehensive kits:

SYL-UP Under Pressure Kit for when flow cannot be stopped.

SYL-NP No Pressure Kit for when flow can be stopped.

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.

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