

# Technical Data Sheet

## CHESTER REPAIR PIPE TAPE

Research and Development Department

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### PRODUCT DESCRIPTION

**Chester Repair Pipe Tape** a fast curing repair tape for pipelines. Activated by water.

The set includes Chester Epoxy Stick - an epoxy composite stick.

### TYPICAL APPLICATION

Chester Repair Pipe Tape is a fast-curing repair tape designed for quick and effective repair of cracks, leaks and corrosion porosity in pipelines carrying water, oil, steam, most gases and solvents. Typical applications are the repair of leaking pipes and tanks, corroded, damaged flange connections, valve bodies, etc.

### PROPERTIES OF NOT CURED MATERIAL

Appearance bandage Color black

#### **CURING PROCESS**

Maximal utility time

(in 20 °C) 5 min Full cured (in 20 °C) 1 h

# PHYSICAL PROPERTIES OF THE CURED MATERIAL

Maximal temporary temperature resistance [°C] 190 Maximal working temp. [°C] 120 Maximum pressure with application Chester Epoxy Stick [atm.] 90

## CHEMICAL RESISTANCE

This product is resistant to a wide range of acids, bases and solvents.

## OTHER INFORMATION

### Storage

The product should be stored in original packaging in temp. 5-25 °C.

### Way of use

Drain the damaged pipeline or, if that is not possible, reduce the pressure as much as possible.

Clean, roughen and degrease the place near the leak. Put on the provided gloves.

Knead the Chester Epoxy Stick (all or part) to a uniform mass and immediately seal the damaged area.

Remove the tape from its packaging, dip it in cold water (a plastic bag can be used) or place it under running cold water for 10 seconds. Tightly wind a minimum of 12 layers of tape on the damaged section of the pipe with an overlap of at least 50 mm on each side from the damaged place

Smooth the outer surface of the tape until hardened with a damp glove, eliminating the foam formed during hardening.

After 30 minutes at 20  $^{\circ}$  C, the applied tape is fully hardened.

The Chester Repair Pipe Tape Kit includes repair tape, Chester Epoxy Stick, gloves, plastic bag and instructions for use.

The tape should be used immediately after opening the package.