

PROTECTION FOR BURIED OR IMMERSED PIPES AND FITTINGS

## Densoclad 40, 50 & 70 TAPES

### Densoclad 40 HT, 50 HT & 70 HT TAPES

#### Product Description

Densoclad Tapes consist of a thick polymer bitumen adhesive, giving superior adhesion and flexibility, laminated to a tough plasticised pvc backing. The pvc thickness is selected to give several grades to suit different requirements of mechanical strength and conformability. The adhesive layer is protected by an interleaving, wider than the tape, which is discarded during application.

Densoclad 40HT, Densoclad 50HT and Densoclad 70HT are available for use in tropical climates.



**Above:** Machine wrapping pipe lengths with Densoclad Tape.

**Left:** P2 specification Densoclad pipeline joint protection applied by hand.



#### Uses

for the anti-corrosion protection of all sizes of buried or immersed pipes and fittings. For machine or hand application to welded joints, bends, bare pipe lengths and pipe fittings. Long rolls are available for factory application.

#### Main Features:

- Cold applied
- Good impact resistance
- Good conformability in all grades
- Excellent adhesion to pipe and to self
- Compatible with common pipe coatings
- Excellent resistance to cathodic disbonding
- High temperature version available in all grades



Hand wrapping pipe lengths with Densoclad Tape.

## Densoclad 40 & 40 HT

Designed for the protection of small to medium diameter pipe, welded joints, bends and fittings. The combination of extremely conformable pvc backing and polymer bitumen adhesive ensures good contact with the metal substrate and excellent adhesion to resist displacement or damage. Densoclad 40HT is a high temperature version designed for tropical climates.

## Densoclad 50 & 50 HT

A medium duty tape, designed to protect small to medium diameter pipe, welded joints, bends and fittings. Without sacrificing conformability the thicker pvc backing provides excellent resistance to damage during handling and backfilling. Densoclad 50 HT is a high temperature version designed for tropical climates.

## Densoclad 70 & 70 HT

A robust heavy duty tape designed for the protection of medium to large diameter pipe, welded joints, bends and fittings for below ground or immersed environments. The extremely tough pvc backing combined with polymer bitumen adhesive ensures complete protection and exceptional resistance to damage by impact or poor backfill or aggressive ground conditions. Densoclad 70 HT is a high temperature version designed for tropical climates.

Densoclad Tape:	40	40 HT	50	50 HT	70	70 HT
Roll Length:	15m	15m	12m	12m	10m	10m
Roll Widths:	50-300mm	50-300mm	50-300mm	50-300mm	50-300mm	50-300mm
Total Thickness (ASTM D1000):	1.050mm	1.050mm	1.12mm	1.12mm	1.650mm	1.650mm

## Denso Primer D

Bituminous primer required prior to application of Densoclad Tapes, to promote a permanent bond.

## Densyl Mastic

Cold applied for moulding around irregular profiles e.g. couplings, flanges, valves etc to provide a contour suitable for wrapping. For estimating requirements allow 720cm<sup>3</sup>/kg (20in<sup>3</sup>/lb).

## Outerwraps

A full range of outerwraps is available to provide extra mechanical resistance or improved heat reflecting properties.

## Application

Each carton contains 'Instructions for Use'. Brief details are given below:

The surface must be clean, dry and free of grease. Remove loose scale, rust etc by hand or mechanical wire brushing to St2 minimum or as specified.

Apply Denso Primer D to all surfaces to be wrapped and allow to dry.

Fill irregular profiles with Densyl Mastic.

Peel back about 0.5mm of interleaving and apply adhesive side of the tape to the primed surface and press down.

Apply the tape spirally with enough tension to make it conform. Remove interleaving as wrapping proceeds. Overlap each turn by at least 15mm or by 55% to achieve a double thickness.

**Technical and safety data sheets are available upon request.**



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