



# DENSOPOL™ COLD-APPLIED TAPES

PROTECTION FOR BURIED OR IMMERSED PIPES AND FITTINGS

## TAPES FOR:

Weld Joints

Bends

Fittings

Pipe

Pipeline Rehabilitation

Pipeline Coating Repair and more





## HIGH PERFORMANCE, HEAVY-DUTY, FABRIC-REINFORCED RUBBER BITUMEN ADHESIVE TAPES FOR THE CORROSION PREVENTION OF BURIED OR IMMERSSED PIPES AND FITTINGS.

Densopol™ Tapes can be applied by machine or hand to welded joints, bends, pipe and pipe fittings.

### FEATURES:

- Cold-applied
- Reinforced for greater strength
- Varying thickness options available
- Can be applied by hand or machine wrapping
- Excellent adhesion to pipe
- Compatible with common pipe coatings
- Excellent resistance to cathodic disbonding
- High temperature version available in all grades
- Resistant to acids, alkalis & salts and backfill damage



DENSOPOL TAPE PROTECTS THE FIELD JOINTS ON AN OUTFALL PIPELINE

Densopol™ Tapes comprise a synthetic fabric reinforcement, coated with rubber bitumen adhesive compound and backed with a conformable PVC film.

The extreme toughness of Densopol Tapes is due to this combination of heavy-duty PVC backing and the fabric reinforcement in the bituminous adhesive compound. These properties make Densopol Tapes particularly resistant to damage that may be caused by impact or poor backfill.

Due to its great flexibility, Densopol 60 is used for wrapping small to medium diameter pipes, welded joints, bends and fittings. The thicker Densopol 80 is used on larger diameter pipes. High temperature versions are also available (HT).

## PRODUCT GRADES

### Densopol 60™ Tape and Densopol 60HT™ Tape

Densopol 60 Tape is a tough, cold-applied tape used for wrapping small to medium diameter pipes, welded joints, bends and fittings on buried or submerged pipelines (including coated pipes). It can be applied by hand or wrapping machine.

Densopol 60HT Tape is available for use in tropical climates.

### Densopol 80™ Tape and Densopol 80HT™ Tape

Densopol 80 Tape is an extremely tough, cold-applied tape used for wrapping medium to large diameter pipes, welded joints, bends and fittings on buried or submerged pipelines (including coated pipes). It can also be applied by hand or wrapping machine.

Densopol 80HT Tape is available for use in tropical climates.



DENSO PRIMER D

## RELATED PRODUCTS

### Denso Primer D™

A fast-drying bitumen based primer for all surfaces, prior to the application of Densopol 60 and Densopol 80 Tapes (including high temperature grades designed for tropical climates).



DENSOPOL TAPE & DENSO PVC SELF-ADHESIVE TAPE SPIRALLY WRAPPED AROUND TIE BARS

## RELATED PRODUCTS CONTIN.

### Densyl™ Mastic

Cold-applied for moulding around irregular profiles (e.g. couplings, flanges, valves) to provide a contour suitable for wrapping. It is a petrolatum compound containing inert siliceous fillers and vegetable fibres. Contains no volatile organic solvents.

### Denso™ Profiling Mastic

Petrolatum compound containing beads of cellular polymer and flow control additives. Contains no volatile organic solvents.

Denso Profiling Mastic HT™ is intended for the same applications as Denso Profiling Mastic, but has a higher temperature limit and is suitable for use in tropical climates.

### Outerwraps

Where additional mechanical protection is required, Denso offer a full range of outerwraps which provide extra mechanical resistance or additional UV protection.

Denso PVC Self-Adhesive Tape™ is a PVC sheeting coated on one side with a rubber resin, pressure sensitive adhesive.

## TAPE APPLICATION

### 1. Cleaning

Clean the surface thoroughly by removing all loose scale, rust, dirt etc. Ensure that the pipe and any joints are as dry as possible.

### 2. Priming

Prime the cleaned area with Denso Primer D, in preparation for the Densopol Tape.

### 3. Profiling

Apply Denso Profiling Mastic or Densyl Mastic around and between all bolts and to fill all hollows and voids. Continue to apply mastic until the valve or fitting has a smooth profile suitable for wrapping.

### 4. Wrapping

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

Next, spirally wrap the tape with tension making sure a 55% overlap is achieved which ensures a double wrap at all areas. Where there are joints, be sure to start from the middle, complete a circumferential wrap and continue wrapping towards the pipe on one side and then repeat on the other side. Remove interleaving as wrapping proceeds.

Smooth out all air pockets and wrinkles. On each side of the joint or fitting the tape shall extend along 150mm of the barrel of the pipe.

Densopol Tape	Densopol 60	Densopol 60HT	Densopol 80	Densopol 80HT
Roll length	10m			
Roll widths	50 - 300mm			
Total thickness	1.6mm	1.5mm	2mm	1.850mm



DENSOPOL TAPE APPLIED TO A FIELD JOINT



DENSO PVC SELF-ADHESIVE TAPE SPIRALLY WRAPPED OVER DENSOPOL TAPE



DENSO PVC SELF-ADHESIVE TAPE



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