



**DENSOLEN**  
**TAPE AS 40**



**1971**

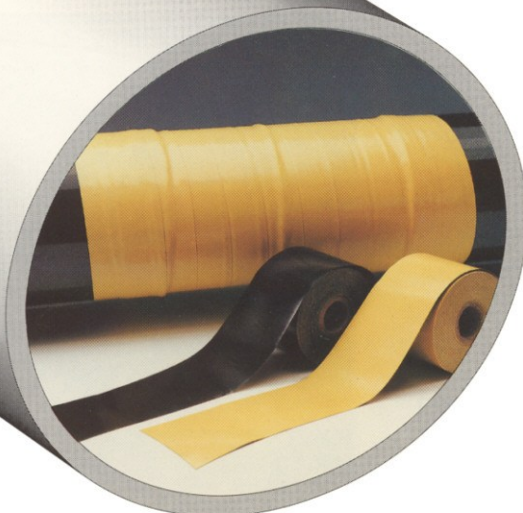
The world's first self-amalgamating 3-ply plastics tape is introduced by **DENSO**:

**DENSOLEN Tape S 40** is the forerunner of a new generation of corrosion prevention tapes.



**1980**

Continuing R & D lead to first experiences on international pipeline projects. Complete wrappings by asymmetrical tapes are analyzed.



**1990**

After 10 years of field and laboratory testing, the new **DENSOLEN AS** generation is officially introduced to the world market.

## DENSOLEN Tape AS 40

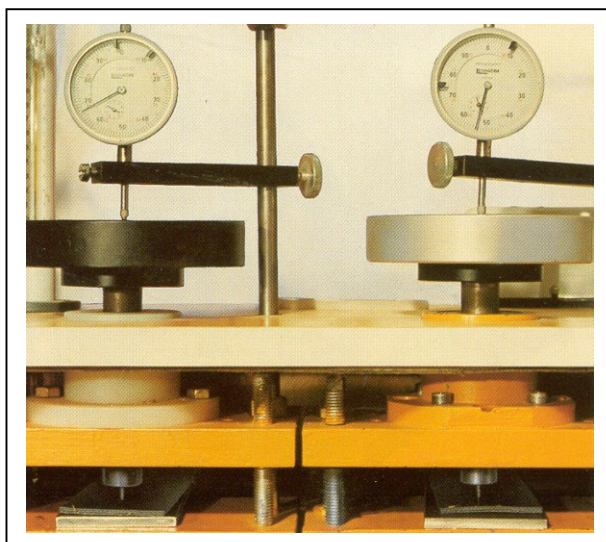
DENSOLEN Tape AS 40 is a 3-ply plastics tape containing a stabilized PE film. Both sides of the film have been treated in the co-extrusion process with special adhesive agents before being coated with plastic butyl rubber.



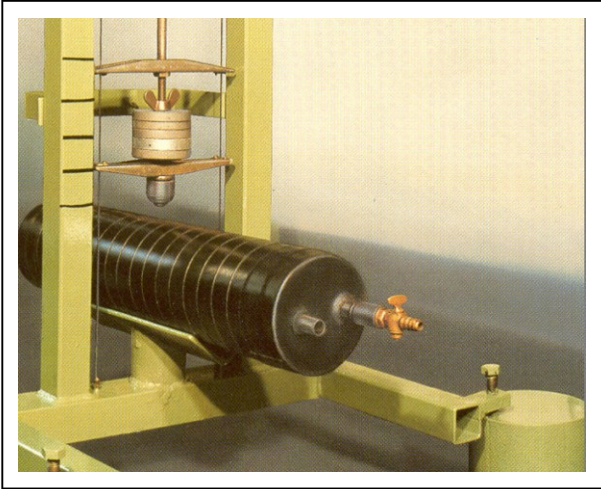
Due to the self-amalgamation of the DENSOLEN Tape AS 40 in the overlap zone or within the individual wrappings, a tubular, dense coating of very high mechanical resistance and stability is obtained which reliably protects the metal surfaces against corrosion. The composition of the primer adapted to the tape guarantees a high peel strength on the pipe surface.



DENSOLEN Tape AS 40 is subjected to regular quality controls. This includes penetration resistance tests....

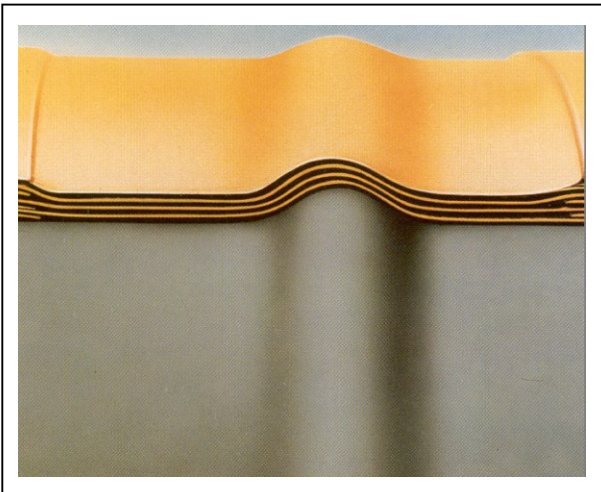






## The New Tape Generation

...impact resistance tests and testing of peel strength.  
- DENSOLEN Tape AS 40 fully complies with DIN 30672, Part 1.



The plastic butyl rubber flows around elevations and fills uneven areas on the welding bead.



DENSOLEN Tape AS 40 consists of:

|              |                            |
|--------------|----------------------------|
| Primer       | DENSOLEN-Primer HT         |
| Plastic tape | DENSOLEN Tape AS 40, black |

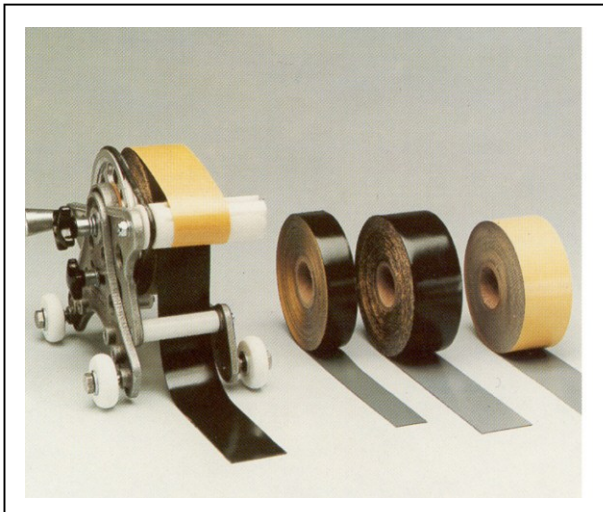
## DENSO - The Additional Advantage

DENSOLEN combines **research, product development and experiences in practice** in every single product. Yours security for higher quality, greater reliability and better profitability.

But even the best products demand careful and conscientious workmanship to make the effect of the products optimum.

For that reason we provide advice in work technique and choices of material.

The use of the patented DENSOMAT handwrapping machine ensures permanent tape tension and constant overlaps. The release film is automatically removed. The adjustment is quick and easy. The operator saves time and energy.



# DENSOLEN TAPE AS 40

Cold-applied 3-ply plastics tape with film according to DIN 30672, section 1, for corrosion protection of underground or underwater pipes, pipelines, tanks and installations.

## Application

For corrosion protection of:

- \* storage-tanks and industrial installations
- \* metal, pipes, including spiral- and seam-welded steel pipes
- \* welded joints of steel pipes which already have been coated at the factory with bitumen or plastics, preferably with polyethylene in accordance with DIN 30670, the following DENSOLEN-Systems, registered with DVGW, should be used. <sup>1)</sup>

## DENSOLEN One Tape System <sup>1)</sup>

AS 40/AS 40-C Tape yellow (outer butyl layer) DVGW-Reg. No. 90.03 e 002

AS 40/AS 40-C Tape black (outer butyl layer) DVGW-Reg. No. 90.03 e 002

The use of DENSOMAT handwrapping machine is advised to ensure constant overlap (recommended minimum 50% and constant tape tension.

## Description

|                    |         |
|--------------------|---------|
| Colour             | black   |
| Thickness          | 0,8 mm  |
| PE carrier film    | 0,27 mm |
| Butylrubber, inner | 0,43 mm |
| Butylrubber, outer | 0,1 mm  |

## Units and package

Rolls of 15 m length:

|                   |    |    |     |      |
|-------------------|----|----|-----|------|
| Roll width:       | 30 | 50 | 100 | mm   |
| Rolls per carton: | 18 | 12 | 6   | psc. |