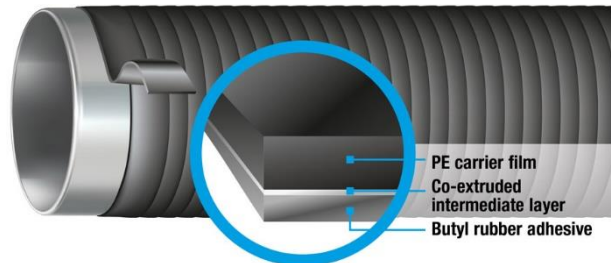


DENSOLEN[®]-040

Product Information



Special advantages:

- ✓ Genuine co-extruded 2-ply tape.
- ✓ High flexibility and tape elasticity.
- ✓ Compatible with all DENSOLEN[®] 3-layer tapes.
- ✓ Compatible with factory coatings made from PE, PP, FBE, PU, CTE and bitumen.

Co-extruded 2-ply polymeric tape, made from a stabilized polyethylene carrier film and with a one-sided butyl rubber coating.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Description

DENSOLEN[®]-040 is a genuine co-extruded 2-ply plastic tape, made from a stabilized black polyethylene carrier material and with a butyl rubber adhesive coating on one side. The tape thickness is ≥ 0.4 mm.

DENSOLEN[®]-040 can be worked cold and is used as a mechanical protective tape for corrosion protection wrappings applied

with **DENSOLEN[®]** 3-layer polymeric tapes.

The great flexibility and elasticity shown by DENSOLEN[®]-040 enables rapid and reliable application of the post-factory wrapping system on pipeline parts such as T-fittings and house connection valves. DENSOLEN[®]-040 is also an ideal choice for pipes with small

nominal pipe sizes, even in cramped site conditions.

DENSOLEN[®]-040 is compatible with factory coatings made from PE, PP, FBE, PU, CTE and bitumen.

DENSOLEN[®]-040 can be processed efficiently with **DENSOMAT[®]** wrapping machines.

Typical product properties

Property	Unit	Typical value	Test method
Carrier film color	-	Black	-
Butyl adhesive color (inner)	-	Black	-
Butyl adhesive color (outer)	-	-	-
Tape thickness	mm	≥ 0.4	ISO 4591 ASTM D1000
Carrier film thickness (approx.)	mm	≥ 0.22	
Inner adhesive layer thickness (approx.)	mm	≥ 0.18	
Outer adhesive layer thickness (approx.)	mm	-	
Elongation after fracture	%	≥ 400	DIN 30672
Tear resistance	+23 °C (+73 °F) N/cm	≥ 35	EN 12068
Water absorption	+23 °C (+73 °F) 1 day/30 days %	≤ 0.1 / ≤ 0.4	DIN 53495 ASTM D570
Operating temperature	°C (°F)	-40 to +50 (-40 to +122)	-

DENSOLEN® tapes can easily be applied by hand. Application is even more efficient with original **DENSOMAT**® wrapping machines. For **DENSOLEN**® tapes with widths >50 mm, we recommend the deployment of a **DENSOMAT**® wrapping machine, to ensure that the final workmanship is of a superior and uniform quality.

Ordering information and packaging

	Core diameter (mm)	Roll length (m)	Roll width (mm)	Box contents			Weight per box (kg) (approx.)
				Number of rolls	Total tape length (m)	Total tape area (m²)	
DENSOLEN ®-040	41	15	30	18	270	8.1	4
			50	12	180	9	5
			100	6	90	9	5
		30	100	6	180	18	9
			150	6	180	27	13

Other dimensions available on request.

Storage

When stored in its original, unopened packaging, **DENSOLEN**®-040 can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +50°C (+122°F)

Store in a dry location and do not rest anything against the front of the product.

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