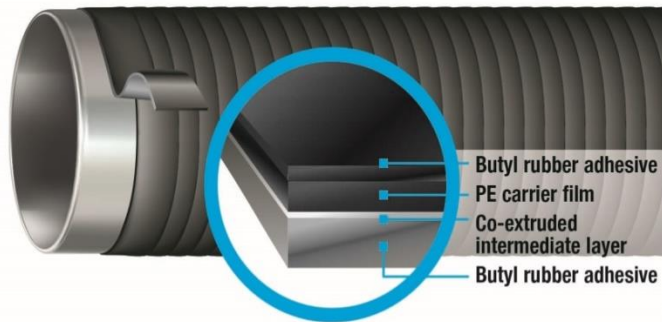


DENSOLEN®-AS30



Product information

Special advantages:



For operating temperatures up to +50 °C (+122 °F).



Genuine co-extruded three-layer tape.



Certified by DVGW in combination with DENSOLEN®-R20 MP.



Effectively impermeable to water vapor and oxygen.



Outstanding price/performance point.

Co-extruded 3-ply plastic tape, made from a stabilized polyethylene carrier material and with a butyl rubber coating on both sides.

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®-AS30 is a cold-applied corrosion protection tape for metal pipes and pipelines with small to very large nominal pipe sizes.

DENSOLEN®-AS30 is a genuine co-extruded 3-ply plastic tape made from a stabilized polyethylene carrier material and with a butyl rubber adhesive on both sides. DENSOLEN®-AS30 has a thickness of ≥ 0.5 mm. The inner butyl rubber layer fuses together completely with the outer layer to form a leak-proof, hose-like wrap, which is effectively impermeable to water

vapor and oxygen while also being resistant to soil bacteria and electrolytes.

As an inner tape, DENSOLEN®-AS30 is an integral part of the **DENSOLEN®-AS30/-R20 MP** tape system. This tape system satisfies all of the requirements for stress class B 50 according to EN 12068 and DIN 30672, and holds a DIN/DVGW certification (reg. no.: NG-5180CP0056).

Thanks to the superior flexibility of the tape, wrappings with DENSOLEN®-AS30 are even possible on uneven surfaces

such as threaded rods, for example.

DENSOLEN®-AS30 is compatible with factory coatings made from PE, PP, FBE, PU, CTE and bitumen.

To handle higher mechanical stresses, **DENSOLEN®-AS39 P**, **DENSOLEN®-AS40 Plus** and **DENSOLEN®-AS50** are available, as well as other, thicker 3-layer tapes.

DENSOLEN®-AS30 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)	-	Gray	-
Butyl adhesive color (outer)	-	Black	-
Tape thickness	mm	≥ 0.5	ISO 4591 ASTM D1000
Carrier film thickness (approx.)	mm	≥ 0.18	
Inner adhesive layer thickness (approx.)	mm	≥ 0.24	
Outer adhesive layer thickness (approx.)	mm	≥ 0.08	
Elongation at break	%	≥ 550	DIN 30672 EN 12068
Tape strength	N/cm	≥ 65	
Dielectric strength	kV/mm	≥ 40	DIN 53481
Operating temperature	°C (°F)	-40 to +50 (-40 to +122)	-

DENSOLEN[®] tapes can easily be applied manually. 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

	Diameter of inner core (mm)	Roll length (m)	Roll width (mm)	Box contents			Weight per box (kg) (approx.)
				Number of rolls	Total tape length (m)	Total tape area (m ²)	
DENSOLEN [®] -AS30	41	30	50	10	300	15	10
			100	5	150	15	10
			150	5	150	22,5	15
	78	70	100	3	210	21	13
			150	2	140	21	13

Additional dimensions available on request.

Storage

When stored in its original, unopened packaging, **DENSOLEN**[®]-AS30 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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