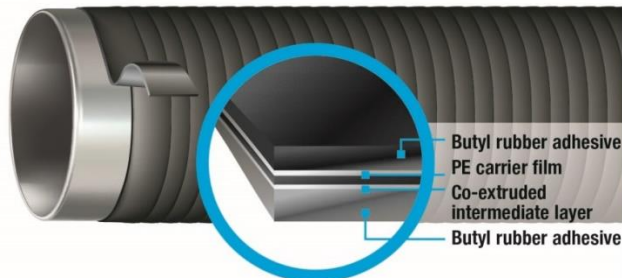






DENSOLEN[®]-032-65 AS



Product Information



Special advantages:

-  For operating temperatures up to +50 °C (+122 °F).
-  Genuine co-extruded 3-ply tape.
-  Certified by ÖVGW as part of the DENSOLEN[®]-090 and DENSOLEN[®]-R20 HT system.
-  Effectively impermeable to water vapor and oxygen.

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[®]-032-65 AS is a cold-applied corrosion protection tape for metal pipes and pipelines, both with small and with large nominal sizes.

DENSOLEN[®]-032-65 AS is a genuine co-extruded 3-ply plastic tape made from a stabilized polyethylene carrier material with butyl rubber adhesive on both sides. 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.

Thanks to a tape thickness of ≥ 0.65 mm, DENSOLEN[®]-032-65 AS is outstandingly suitable either for being worked by hand or processed with **DENSOMAT[®]** wrapping machines.

As an inner tape, DENSOLEN[®]-032-65 AS is an integral part of

DENSOLEN[®] systems 4, 5 and 6 in combination with **DENSOLEN[®]-090** or **DENSOLEN[®]-R20 HT** as the outer tape. **DENSOLEN[®] systems 4 and 6** have both been certified by the ÖVGW for stress class C 50 according to EN 12068.

DENSOLEN[®]-032-65 AS is compatible with factory coatings made from PE, PP, FBE, PU, CTE and bitumen.

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	≥ 0.65	ISO 4591 ASTM D1000
Carrier film thickness (approx.)	mm	≥ 0.18	
Inner adhesive layer thickness (approx.)	mm	≥ 0.39	
Outer adhesive layer thickness (approx.)	mm	≥ 0.08	
Elongation at break	%	≥ 550	DIN 30672 EN 12068
Tape strength	N/cm	≥ 50	
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 [®] -032-65 AS	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**[®]-032-65 AS 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.

DENSO GmbH

P.O. Box 150120 | 51344 Leverkusen | Germany
Phone: +49 214 2602-0
www.denso-group.com | info@denso-group.com

Our product information, our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice. For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice.

The user is responsible for checking the applications of the product and verifying its suitability for the intended use. Our General Terms of Sale, which are available at www.denso-group.com, shall be decisive without any exception. This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation of this product information, the German text of the respective German product information, which is available at www.denso-group.com, shall be decisive. The legal relationship shall be governed by German law.