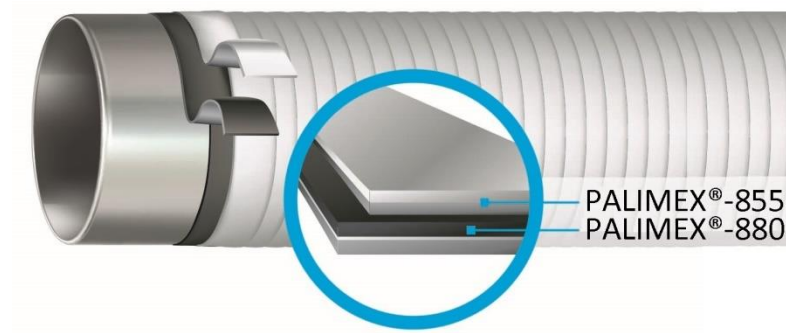


PALIMEX[®]-880/-855



Product information



Special advantages:



For temperatures up to +85°C (+185°F).



High degree of mechanical resistance.



Non-permeable to corrosive media.



Modular system.



Highly economical.

Robust protective tape system for permanent protection of steel and cast iron pipelines.

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.

Product description

PALIMEX[®]-880/-855 is a protective tape system for the permanent protection of buried steel and cast iron pipelines.

PALIMEX[®]-880/-855 is a modular system comprised of the interior tape **PALIMEX[®]-880** and the exterior tape **PALIMEX[®]-855**.

Both the interior and exterior tapes are double-layered with a PE carrier film and a butyl adhesive layer on one side.

The flexible modular system allows you to combine tapes of different thicknesses to create the perfect technical and economical solution for your building project.

PALIMEX[®]-880/-855 forms a highly insulating coating sheath around the pipe.

Suitable tape thicknesses can be combined for easy application even around bends and moulded parts.

PALIMEX[®]-880 was developed to guarantee strong adhesion and outstanding flexibility on surfaces treated with **PALIMEX[®]-HT Primer**. **PALIMEX[®]-855** is a robust two-layer tape. The solid, **UV-resistant** polyethylene outside layer protects the encasement against mechanical stresses.

For even more efficient application, both **PALIMEX[®]** tapes can be used with **DENSOMAT[®]** wrapping devices.

Typical product properties

Property	Unit	PALIMEX®-880 Typical value			PALIMEX®-855 Typical value		
		880-20	880-25	880-30	855-20	855-25	855-30
Colour of carrier film	-	Black, yellow			White, black or yellow		
Butyl adhesive colour, inside	-	Black			Black		
Tape thickness	mm	≥ 0.51	≥ 0.63	≥ 0.76	≥ 0.51	≥ 0.63	≥ 0.76
Carrier film thickness approx.	mm	≥ 0.25	≥ 0.30	≥ 0.30	≥ 0.35	≥ 0.48	≥ 0.50
Inside adhesive layer thickness approx.	mm	≥ 0.26	≥ 0.33	≥ 0.46	≥ 0.16	≥ 0.15	≥ 0.26
Elongation at break*	%	≥ 500			≥ 600		
Tear resistance*	N/cm	≥ 80			≥ 130		

* Values for tape thickness 0.63 mm in accordance with DIN EN 12068.

PALIMEX®-880 / -855 with PALIMEX®-HT Primer

Property	Unit	PALIMEX®-880-25 / 855-25 Typical value	Test method
Peel resistance metal / primer / tape (+23°C / +73°F)	N/cm	10	EN 12068
Indentation resistance (residual layer thickness)	mm	≥ 1.30	EN 12068
Impact resistance	J	≥ 14	EN 12068
Operating temperature	°C (°F)	-40 to +50 (-40 to +122)	

PALIMEX® tapes are easy to apply by hand. For even greater efficiency, they can also be processed using original DENSOMAT® wrapping devices. For PALIMEX® tapes with widths of > 50 mm, we recommend the use of the DENSOMAT® wrapping device to guarantee an excellent processing quality.

Ordering information and packaging

PALIMEX®-HT Primer	Content [l]	Gross weight [kg]
4 cans per box	1	0.92
Metal bucket	5	4.70
Metal bucket	10	8.70

	Core Ø [mm]	Length [m]	Width [mm]	m ² /roll	Content per box		
					Rolls	m ²	lin. m
PALIMEX®-880-20 PALIMEX®-855-20	41	15	50	0.75	12	9	180
			100	1.5	6	9	90
			150	2.25	8	18	120
PALIMEX®-880-25 PALIMEX®-855-25			50	0.75	12	9	180
			100	1.5	6	9	90
			150	2.25	9	20.25	135
PALIMEX®-880-30 PALIMEX®-855-30			50	0.75	12	9	180
			100	1.5	6	9	90
			150	2.25	9	20.25	135

	Core Ø [mm]	Length [m]	Width [mm]	m ² /roll	Content per box		
					Rolls	m ²	lin. m
PALIMEX®-880-20 PALIMEX®-855-20	78	60	50	3	6	18	360
			100	6	3		180
			150	9	2		120
PALIMEX®-880-25 PALIMEX®-855-25			50	3	6		360
			100	6	3		180
			150	9	2		120
PALIMEX®-880-30 PALIMEX®-855-30			50	3	6		360
			100	6	3		180
			150	9	2		120

Other dimensions available on request. Packaging weights are indicated on the product information sheets for each individual product (available separately).

Storage

When stored in its original, unopened packaging, PALIMEX®-880/-855 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.