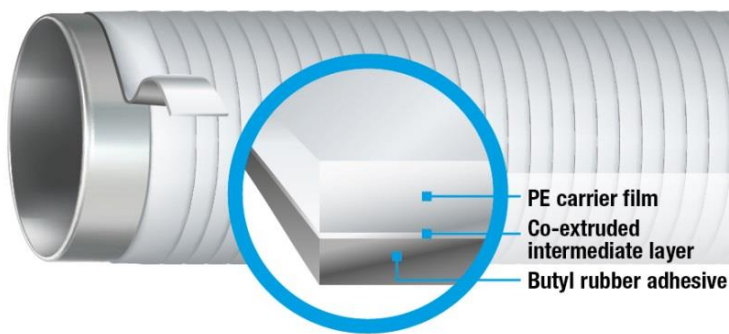







PALIMEX®-855



Product information



Special advantages:

-  For temperatures up to +85°C (+185°F).
-  Excellent mechanical resistance.
-  Non-permeable to corrosive media.
-  UV-resistant.
-  Highly economical.

Robust outer protection tape for demanding mechanical applications.

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®-855 is a protective tape for the permanent protection of buried steel and cast iron pipelines in demanding mechanical applications. The tape is ideal for use as an outer tape.

The co-extruded two-layer plastic tape is comprised of a stabilised polyethylene carrier material and a butyl rubber coating.

PALIMEX®-855 is **UV-resistant** and diffusion-resistant against water vapour and oxygen. The white tape reflects sunlight while the

components are stored above ground, which helps to reduce the surface temperature of the coating material. This significantly reduces the thermal load on the interior tape, particularly in very warm climates with intense sunlight. The innovative design **ensures that the tape is strong and impact-resistant**. PALIMEX®-855 can withstand even the highest mechanical loads.

PALIMEX®-855 is available in a range of thicknesses, allowing you

to achieve optimum technical and economical results tailored to the requirements of your construction project.

Suitable tape thicknesses can be combined for easy adjustment to your component dimensions, including around bends and moulded parts

For even more efficient application, the tape can be applied with **DENSOMAT®** wrapping devices.

Typical product properties

Property	Unit	PALIMEX®-855 Typical value			Test method
		855-20	855-25	855-30	
Colour of carrier film	-	White, black, yellow			-
Butyl adhesive colour	-	Black			-
Tape thickness	mm	≥ 0.51	≥ 0.63	≥ 0.76	ISO 4593
Carrier film thickness approx.	mm	≥ 0.35	≥ 0.48	≥ 0.50	
Inside adhesive layer thickness approx.	mm	≥ 0.16	≥ 0.15	≥ 0.26	
Elongation at break*	%	≥ 600			EN 12068
Tape strength*	N/cm	≥ 130			EN 12068
Peel resistance, layer to layer (+23°C / +73°F) *	N/cm	≥ 4			EN 12068
Operating temperature	°C (°F)	-40 to +50 (-40 to +122)			

* Values for tape thickness 0.76 mm (type 855-30).

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

	Core Ø [mm]	Length [m]	Width [mm]	m ² /roll	Content per box			
					Rolls	m ²	lin. m	kg (approx.)
PALIMEX®-855-20	41	15	50	0.75	12	9	180	5.6
			100	1.5	6	9	90	5.6
			150	2.25	8	18	120	10.7
PALIMEX®-855-25			50	0.75	12	9	180	6.6
			100	1.5	6	9	90	6.6
			150	2.25	9	20.25	135	14.3
PALIMEX®-855-30			50	0.75	12	9	180	8.0
			100	1.5	6	9	90	8.0
			150	2.25	9	20.25	135	17.3

	Core Ø [mm]	Length [m]	Width [mm]	m ² /roll	Content per box			
					Rolls	m ²	lin. m	kg (approx.)
PALIMEX®-855-20	78	60	100	6	3	18	180	10.3
			150	9	2		120	
PALIMEX®-855-25			100	6	3		180	12.4
			150	9	2		120	
PALIMEX®-855-30			100	6	3		180	15.1
			150	9	2		120	

Other dimensions available on request.

Storage

When stored in its original, unopened packaging, **PALIMEX®-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.

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