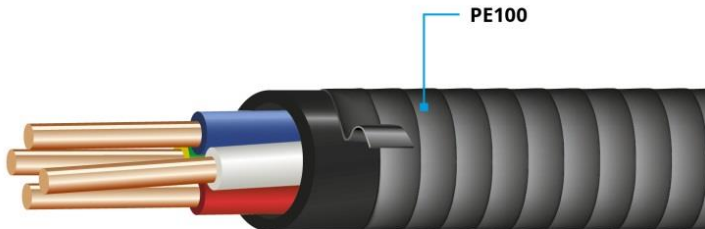


# PALIMEX<sup>®</sup>-PE100



## Product Information

### Special Advantages:



For temperatures up to +70°C (+158°F).



Halogen-free.



High electrical resistance and dielectric strength.



High bond strength on many surfaces.



UV-stabilized (black).

## PE insulation and multi-purpose universal tape for industrial and commercial use.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

## Description

**PALIMEX<sup>®</sup>-PE100** is a universal insulation and multi-purpose tape consisting of a PE carrier film with a rubber adhesive coating.

With a tape thickness of 0.15 mm, PALIMEX<sup>®</sup>-PE100 is highly flexible and tear-resistant.

PALIMEX<sup>®</sup>-PE100 is especially suited for sealing and electrical isolation work. In addition, PALIMEX<sup>®</sup>-PE100 is also characterized by its excellent adhesion both to metal and plastic surfaces.

PALIMEX<sup>®</sup>-PE100 can be used as an additional layer of protection for coatings using **PLASTELEN<sup>®</sup>** petrolatum tapes.

## Typical product properties

Property	Unit	Typical value
Thickness	mm	0.15
Color	-	black, grey
Tear resistance	N/cm	≥ 18
Elongation after fracture	%	≥ 300
Adhesion on PE	N/cm	≥ 2.0
Adhesion on steel	N/cm	≥ 3.5
Volume resistivity	Ω · m	≥ 10 <sup>13</sup>
Dielectric strength	kV/mm	≥ 70
Thermal stability	°C (°F)	max. +70 (+158)
Application temperature	°C (°F)	+10 °C to +40 °C (+50 to +104)

## Ordering information and packaging

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Roll length 33m  
Roll width: 50 mm, 100 mm

Other dimensions available on request.

## Storage

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When stored in its original, unopened packaging, **PALIMEX®-PE100** can be stored for at least 60 months after the manufacturing date.

Storage temperature:  $\leq +30^{\circ}\text{C}$  ( $+86^{\circ}\text{F}$ )

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

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