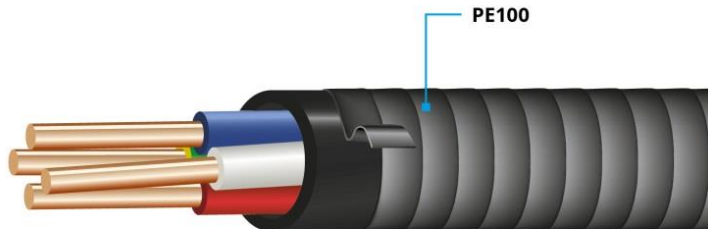


DENSIT[®]-PE100

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.

For a century now, DENSO Group Germany represents 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 establishes and guarantees 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

DENSIT[®]-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, DENSIT[®]-PE100 is highly flexible and tear-resistant.

DENSIT[®]-PE100 is especially suited for sealing and electrical isolation work. In addition, DENSIT[®]-PE100 is also characterized by its excellent adhesion both to metal and plastic surfaces.

DENSIT[®]-PE100 can be used as an additional layer of protection for

coatings using **DENSO[®]** 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 ¹³
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

Roll length 33m

Roll width: 50 mm, 100 mm

Other dimensions available on request.

Storage

When stored in its original, unopened packaging, **DENSIT®-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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11.2018