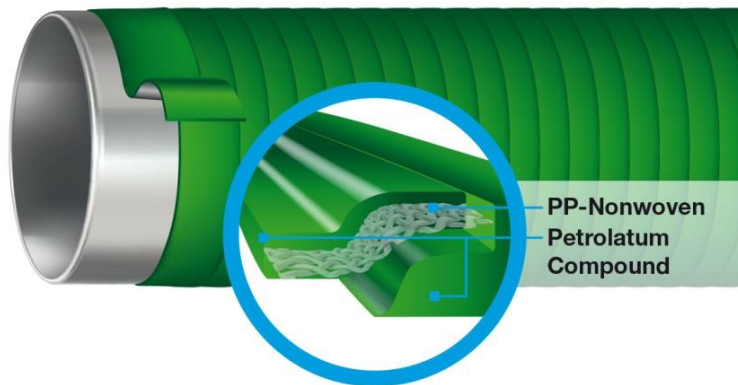







PLASTELEN®-Verte

Product information



Special advantages:

-  For temperatures of -50°C (-58°F) to +50°C (+122°F).
-  Flexible and adaptable.
-  Resistant against acids, lyes and salts.
-  Impermeable for water and gas.
-  Fulfills GrDF standard MBAA023 and BAA023.

Plastic petrolatum tape for sealing and corrosion prevention at metallic components, cable connections, pipelines and armatures.

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

PLASTELEN®-Verte is a cold applied corrosion prevention tape based on petrolatum in accordance with EN12068 and it fulfills the standards MBAA023 and BAA023 of Gaz Réseau Distribution France (GRDF).

PLASTELEN®-Verte consists of an impregnated polypropylene carrier nonwoven, which is coated on both sides with a corrosion prevention petrolatum mastic. The petrolatum mastic is stabilized by polymer and mineral additives, which means that it can be used at design temperatures of -50°C (+58°F) and up to +50°C (+122°F).

PLASTELEN®-Verte is moisture impermeable and highly resistant against acids, lyes and salts.

PLASTELEN®-Verte is based on more than 90 years of experience in the production of high quality corrosion prevention products on petrolatum basis.

PLASTELEN®-Verte is used in many applications, e.g. as

- Corrosion prevention for structural metallic components in buildings and above ground systems;
- Corrosion prevention of metal parts or pipe systems inserted into concrete or screed;
- Galvanic separation layer for metallic constructions;
- Temporary sealing of leaks in low-pressure gas pipes.

PLASTELEN®-Verte will be wrapped as insulation layer at least with one layer

and, as corrosion prevention encasement, at least with two layers, which means wrapped with at least 50% overlapping or layer-by-layer with appropriate overlapping.

A rockshield **DEPROTEC®-DRM PP** or the polyurethane glass fiber fabric **DEPROTEC®-PUR** can be applied across the encasement to achieve an increased mechanical protection.

PLASTELEN®-Tape MT (+60°C, +140°F), **PLASTELEN®-Feu** (+70°C, +158°F) and **PLASTELEN®-Cal** (+110°C, +230°F) are additional corrosion prevention tapes with the proven DEKOTEC quality for applications with higher temperature requirements.

Typical product properties

Property	Unit	Typical value	Required value	Test method
Thickness	mm	app. 1.1	-	-
Color	-	Brown-green	-	-
Carrier	-	Polypropylene nonwoven	-	-
Dielectric strength	kV / mm	≥ 9		
Specific electrical insulation resistance	Ω m ²	≥ 10 ¹⁰	≥10 ⁶	EN 12068
Tape strength	N / cm	≥ 60		EN 12068
Elongation at break	%	≥ 7		DIN 30672
Dripping point	°C (°F)	app. +60 (app. +140)	-	
Saponification number	mg KOH / g	≤ 0.25	<25	EN 12068
Operating temperature	°C (°F)	-40 to +30 (-40 to +86)	-	-

Ordering information and packaging

Roll length 10 m

Width[mm]	Number of rolls per box	Tape length per box (m)	Tape surface per box (m ²)	Weight per box app. (kg)
50	24	240	12	18,0
100	12	120	12	18,0
150	12	120	18	25,0
200	6	60	12	17,0

Additional dimensions available on request.

Storage

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

Storage temperature: ≤ +30°C (+86°F)

The product must be stored dry, without load on the front surface.

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