






Special advantages:

-  For operating temperatures of -40°C (-40°F) to +70°C (+158°F).
-  For temperatures of -50°C (-58°F) to +80°C (+176°F).
-  High plasticity and flexibility.
-  No preheating of the surface required.
-  Simple manual processing.

Petrolatum tape for sealing and for corrosion prevention at metallic components, pipes and armatures with operating temperatures up to +70°C (+158°F).

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[®]-Feu is a cold processable corrosion prevention tape on the basis of petrolatum.

PLASTELEN[®]-Feu consists of an impregnated polypropylene nonwoven carrier, which is coated on both sides with a corrosion prevention petrolatum mastic. The petrolatum mastic is stabilized by polymer additives, which means that PLASTELEN[®]-Feu can be used at operating temperatures of -40°C (-40°F) to +70°C (+158 °F). PLASTELEN[®]-Feu can be applied without heating the surface and it moistens the surface even at low temperatures. PLASTELEN[®]-Feu is based on more than 90 years of experience in the production of high quality corrosion prevention products on petrolatum basis. PLASTELEN[®]-Feu is basically impermeable against water and oxygen and it is electrically insulating. Based on

its exceptional properties combination, PLASTELEN[®]-Feu is used in many applications, e.g. as

- Corrosion prevention for pipelines, pipeline components, pipe connections and armatures.
- Corrosion prevention for constructional metallic components.
- Corrosion prevention of metal parts or pipe systems inserted into concrete or screed.
- Galvanic separation layer for metallic constructions.
- Sealing of thermally insulated metal sheet encasements at cold or heat carrying pipelines and components.
- Sealing of industry glazings and greenhouse.

PLASTELEN[®]-Feu will be wrapped as insulation layer at least with one layer and, as corrosion prevention encasement, at least with two layers, which means with 50% overlap. PLASTELEN[®]-Feu can be processed with a layer by layer application for components that are formed complicated and for which a spiral wrapping is not possible. During processing, the tape must be pressed evenly and the mastic must be spread especially in the overlaps.

A rockshield **DEPROTEC[®]-DRM PP** can be applied above the tape for an increased mechanical protection.

An additional petrolatum tape is available with **PLASTELEN[®]-CaI** for the use at higher temperature requirements +110°C (+230°F).

Typical product properties

Property	Unit	Typical value	Test method
Thickness	mm	≥ 1.0	-
Carrier	-	Polypropylene nonwoven	-
Dripping point of the mastic	°C (°F)	≥+100 (+212)	
specific electrical insulation resistance	Ohm m ²	≥10 ⁶	EN 12068
UV stability	-	good	-
Processing temperature	Environment	°C (°F)	-20 to +50 (-4 to +122)
	PLASTELEN®-Feu	°C (°F)	-10 to +40 (+14 to +104)
Operating temperature	°C (°F)	-40 to +70 (-40 to +158)	-

Ordering information and packaging

Roll length 10 m

Roll width [mm]	Rolls per box	Tape length per box (m)	Tape surface per box (m ²)	Weight per box app. [kg]
20	40	400	8,0	9,0
30	36	360	10,8	12,0
50	24	240	12,0	13,2
100	12	120	12,0	13,2
200	6	60	12,0	13,2

Additional dimensions available on request.

Storage

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

Storage temperature: ≤ +40°C (+104°F)

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

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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.dekotec.com, shall be decisive without any exception.

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