






PLASTELEN[®]-KS

Product information



Special advantages:

-  For operating temperatures of -40°C (-40°F) to +50°C (+122°F).
-  Prevents voltage drops at link-ages of installation sets.
-  Slide rods remain switchable even at low temperatures.
-  Permits the holiday detection in active corrosion protection.
-  Solvent-free.

Meltable corrosion prevention mastic on petrolatum basis for the filling of sleeve pipes at installation sets.

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[®]-KS is a permanent plastic corrosion prevention mastic on petrolatum basis for the molten filling of sleeve pipes. Contaminations collect often in sleeve pipes of ground installation armatures, which can result in a standing water column in the sleeve pipe. At cathodic protected pipelines voltage drops may develop in the local protection potential, which can reach values of several 100 mV. Such defects require on one hand an increased protective current and on the other

hand defects in close proximity cannot be detected or with difficulties only due to the overlapping signals. These problems can be solved effectively and cost-efficient with **PLASTELEN[®]-KS**. **PLASTELEN[®]-KS** can be fused with simple tools (e.g. with the **PLASTELEN[®]-Meltomat**), which means that the previously cleaned sleeve pipes can be filled. The processing takes place at relatively low temperatures of +70°C to +90°C (+158°F to +194°F), which means that high powered boilers are not re-

quired and that the thermal shrinkages is limited. The mastic remains permanent plastic after the solidifying, which means that the linkage can be actuated even at low temperatures. The head of the linkage will not be filled completely to maintain this good accessibility and an encasement with, for example, **PLASTELEN[®]** petrolatum tape (e.g. **PLASTELEN[®]-Tec** or **PLASTELEN[®]-Plast**) can take place.

Typical product properties

Property	Unit	Typical value	Test method
Color	-	red	-
Saponification number	mg KOH / g	≤ 2	DIN EN 12068
Operating temperature	°C (°F)	≤+50 (+122)	-
Breakaway torque linkage with 25 mm edge length)	-10 °C (+14 °F) Nm /(20cm)	25	
Processing temperature	°C (°F)	+70 to +90 (+158 to +194)	-

Ordering information and packaging

Delivery in plastic bucket, fill quantity 12 kg.

Storage

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

Storage temperature: ≤ +50°C (+122°F)

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Our product information, our application recommendations and other product related documents are made for your convenience only.

Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith.

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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.

This is a translation from the original German product information.

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