

Cable Sliding Grease PH 5000



Technical Data		
processing temperature		0°C to + 35°C
Range of application		- 20°C to + 60°C
density	DIN 51 757 / 15°C	app. 0,90 g/cm ³
drop point	DIN ISO 2176	90 - 120°C
Viscosity or consistency class		NLGI 1-2

Material Description

The cable sliding grease PH 5000 is a physiologically harmless and non-odiferous calcium soaped fat based on a mineral oil.

The grease (FTZ-No. 558 227 473) is in accordance to the technical FTZ-rules : 558 230 TV 1 dated June 1975; 736 531 TV 1; DIN 8075; TS 0206/96 (Deutsche Telekom).

Application

The cable sliding grease PH 5000 is used to grease cables in order to improve the gliding ability at high and at low temperatures. It serves also to protect cables in protection pipes from outside media like water and dirt as well as a corrosion protection. The requirements to the longitudinal water tightness (examination according to VDE 0472 part 811) are reliable met.

The compatibility with materials such as PE is guaranteed, so that the core markings are not affected by contact with PH 5000. PH 5000 can be removed problem-free with a dry cloth from the PE-core.

Processing

The cable sliding grease PH 5000 is ready for use. In cold weather it is advisable to store the grease in a warm area or to warm up the buckets.

The application on the cables takes place at room temperatures manually and/or with suitable aids such as slip ring or nozzles. If possible do not apply on heated up groundings (e.g. by strong sun exposure).

Storage

In dry areas in the temperature range from 0°C to +40°C the cable sliding grease PH 5000 is storable in closed containers for at least 6 months.

Hazardous / Safety advice

Follow the advice printed on the containers and the relevant safety data sheets.

The usual precautionary measures while handling mineral oil products are to be considered.

Packaging

In plastic buckets with 9 kg content

Delivery

On EURO-pallets or on one-way pallets

Insulating Compound red



Technical Data		
processing temperature		+5°C to + 35°C
density	20°C	app. 1,65 g/cm ³
penetration	DIN 51 580	60 - 70 (x 1/10 mm)

Material Description

The insulating compound red is an asbestos-free, fiber-reinforced, permanently plastic putty.

The insulating compound red (FTZ-No. 558 150 205) corresponds to the FTZ rules 558 150 TV 3.

Application

The insulating compound is used for sealing sets for cables and cable-similar lines against humidity, chemical vapors and dust, for sealing and filling of cable penetrations and as sealing compound for wall break-throughs and cable entries.

The insulating compound adheres well on different subsoils (e.g. PE, metal, concrete) and shows a particularly plastic workability. It does not run off by heat and does not become cracked by cold weather. In addition it is water impermeable and resistant to influences of weather and water.

Processing

The insulating compound red is ready for use. In cold weather it is advisable to warm it up in heated areas or by warming it up in the hand to become kneadable. The best processing temperature is at + 20°C.

The underground must be dry and clean. Metal surfaces have to be derusted if necessary. Apply the compound by hand or with spatula on the subsoil and press it on. If possible do not apply on heated up groundings (e.g. by strong sun exposure).

Storage

When stored in closed bucket in dry areas in the temperature range from 10°C to +40°C it has nearly unlimited shelf life.

Hazardous / Safety advice

Follow the advice printed on the containers and the relevant safety data sheets.

Packaging

In plastic buckets with 10 kg content

Delivery

On EURO-pallets or on one-way pallets

Insulating Putty PH 200



Technical Data		
density (20°C)	DIN 53 479	app. 1,95 g/cm ³
cone - penetration (23°C)	DIN 51 580	35 – 50 (x 1/10 mm)
flash point (COC)	DIN ISO 2592	> 200°C
solubility (Water)		insolubly

Material Description

The insulating putty PH 200 is a permanently plastic and water-rejecting beige sealing putty based on synthetic bonding agents and inorganic fillers.

The insulating putty PH 200 does not contain substances which create or support corrosion and it sticks to all clean and dry materials.

The putty is hardly flammable and contains no poisonous or dangerous substances. It is physiologically harmless and can be processed by hand.

Application

The insulating putty PH 200 is used for the sealing of cable entries of straight and branch joints, cable conduits and comparable applications.

It is also suitable for the sealing of openings or parts against humidity or moisture.

The insulating putty PH 200 can be used on different materials (e.g. PVC, XLPE, metals).

Processing

The necessary quantity insulating compound is kneaded by hand and pressed on the surface which has to be sealed. In order to smooth the surface of the putty it is recommended to dampen the putty slightly in order to improve the sliding characteristics.

The putty shows a very good sealing effect on almost all subsoils. In order to achieve good adhesive strength the subsoil has to be oil and grease-free.

Storage

When stored in closed bucket in dry areas in the temperature range from 10°C to +30°C it has nearly unlimited shelf life.

Hazardous / Safety advice

Follow the advice printed on the containers and the relevant safety data sheets.

Packaging

Bars of 250 gram packed in cartons each 84 pieces.

Delivery

In cartons

Insulating Compound PH 300A



Technical Data		
processing temperature		+5°C to + 35°C
density	20°C	app. 1,35 g/cm ³
penetration	DIN 51 580	100 - 120 (x 1/10 mm)

Material Description

The insulating compound PH 300 A is based on poly-isobutylene and has permanently plastic characteristics. PH 300 A is solvent-free, resistant against water and influences of the weather and has a soft-sticky consistency.

Application

PH 300 A is used for sealing of tube and line breakthroughs, (gas, water, current), against water and sand. In addition it is used for sealing and filling of cable penetrations.

The insulating compound PH 300 A sticks on nearly all dry subsoils and plastic surfaces and shows an excellent plastic workability. It does not run off by heat and does not become cracked by cold weather. In addition it is water impermeable.

Processing

The insulating compound PH 300A is ready for use. The best processing temperature is between +10 to +25°C.

The underground must be dry and clean. Metal surfaces have to be derusted if necessary. Apply the compound by hand or with spatula on the subsoil and press it on. If possible do not apply on heated up groundings (e.g. by strong sun exposure).

Storage

When stored in closed bucket in dry areas in the temperature range from 10°C to +40°C it has nearly unlimited shelf life.

Hazardous / Safety advice

Follow the advice printed on the containers and the relevant safety data sheets.

Packaging

In plastic containers with 1 kg content

Delivery

In cartons

PEHALIT Insulating Profile PH 301



Material Description

PEHALIT insulating profile PH 301 is a permanent elastic, sticky-soft, light-grey sealant on polyisobutylene basis in flat and round profiles.

PH 301 is solvent-free and resistant against influences of the weather, sea water, diluted acids, animal and vegetable fats and oils.

PEHALIT insulating profile PH 301 is age-resistant and stable in a temperature range of -40°C to $+120^{\circ}\text{C}$.

Application

To seal elements, switchboxes, measuring instruments, joints in the sanitary area and particularly in the window construction as presentation volume as well as in ship -, automobile and building of railroad cars.

Delivery

In flat and round profiles in different dimensions.

MANGANA Retaining Compound



Technical Data		
density		app. 2,0 g/cm ³
temperature stability	-30°C to +150°C	cone examination
Media stability	steadily against water, seawater, oil products, salt solutions, Steam	

Application

Special puty for sealing the sides of transists for cables and busbar trunking sastems in shipbuilding (together with KVM Sealing Compound) as well as for sealing cylinders, flanges, joints, turbine section joints, manhole rings, cable glands, cable protecting pipes and similar.

Characteristics

Light-grey, remains plastic, hardly inflammable, self-quenching, non dripping, adhearing to cables and steel.

Processing

The compound is ready to use and applicable by hand. The most favourable processing temperature is 20°C. When it is necessary to apply the MANGANA at lower temperatures, we recommend to warm up the putty prior to the application.

Packaging

20 kg foil packed sticks (250 mm x 30 mm x 30 mm) in plastic buckets.

Storage

24 months when stored coll and dry in original sealed containers.

MANGANA is non-toxic, harmless to health and with no affect to all types of cables.