

Klüber TP 18-810 N

Single-component, air-drying bonded coating for flocked seals



Benefits for your application

- Reduction of noise
- Protection against freezing of seals
- Quick quality inspection by integrated UV indicator (wave length 366 nm)

Description

Klüber TP 18-810 N is an air-drying, water-based bonded coating.

Application

Klüber TP 18-810 N was developed for noise reduction and protection of car seals against freezing. This bonded coating can also be used for the assembly of seals and other components.

Typical application examples include:

- flocked profiled seals
- EPDM profiled seals
- assembly of rubber and TPE components

Application notes

Klüber TP 18-810 N is dry to the touch after approx. 15 minutes at 25 °C or after 1 minute at 60 °C (temperature of the component and layer thickness 10 µm) and completely hardened after 24 hours at room temperature.

We recommend applying the product to a warm substrate (> 60 °C).

The recommended layer thickness for tribological applications is approx. 10 to 20 µm, depending on the specific requirements.

Klüber TP 18-810 N is best applied by spraying.

Spray gun: compressed air or HVLP

Nozzle diameter: 0.8 mm

Feed pressure: 2-4 bar

Make sure to use compressed air that is free of oil and water.

Open packs should be closed again immediately after use.

Stir Klüber TP 18-810 N well before use. The stirring process has to be performed for as long as it takes for the solid matter to be uniformly distributed and no deposits or lumps exist. Test using a spatula.

We recommend filtering the stirred product through a 150 - 200 µm filter prior to spraying.

When applying the product by means of a spray system, we recommend installing an agitator in the storage container to prevent solid particles from settling. Cover the storage container with a lid.

Cleaning

The spraying equipment, storage container etc. can be cleaned with tap water. Dried-up bonded coating residues can be removed by means of a solvent.

Material safety data sheets

Material safety data sheets can be requested via our website www.klueber.com. You may also obtain them through your contact person at Klüber Lubrication.

Pack sizes	Klüber TP 18-810 N
Can 1 l	+
Bucket 15 l	+



Klüber top TP 18-810 N

Single-component, air-drying bonded coating for flocked seals

Product data	Klüber top TP 18-810 N
Article number	099207
Lower service temperature	-40 °C / -40 °F
Upper service temperature	100 °C / 212 °F
Colour space	black
Density, DIN EN ISO 2811 pt. 3, 20 °C	approx. 1.07 g/cm ³
Runout time, DIN EN ISO 2431, with flow cups, 3 mm nozzle	approx. 57 s
Non-volatile content, DIN EN ISO 3251, t=1 h, T=105 °C, recirculating air drying cabinet, dish d~10 cm	approx. 23 % by weight
Yield with a tribo-film thickness of 10 micrometer (for smooth surfaces)	approx. 17.1 m ² /l
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	12 months

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.

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