REINZOSIL

Technical Data Sheet 833

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Please see the latest issue at www.victorreinz.com/jsi-datasheet

Material

Anthracite coloured, solvent-free sealing, adhesive & coating compound based on silicone. Once completely bonded, **REINZOSIL** is virtually odorless.

Properties

This highly elastic universal sealing compound is resistant to mineral oils and numerous synthetic oils, lubricants, petrol, diesel oil, greases, hot and cold water, detergents, sunlight, ozone, and sea water.

REINZOSIL is suitable for continuous operation in the temperature range between -50 °C and +250 °C (briefly up to 300 °C).

Hardness (softness) lies in the range of 30 to 35 Shore A.

Application

Due to its special properties, **REINZOSIL** is used in the most varied applications, e.g. as FIPG (formed-in-place gasket) for wet assembly, i.e. for sealing small gaps under pressure as well as for cylinder liners in piston machines, and also to compensate for extensive component warping. Moreover, the compound is also used to seal constructional fissures or cracks, and for seals that are subjected to considerable relative movement.

Contrary to **REINZOPLAST**, the sealing layer is destroyed during disassembly, and a new coating is required after the surfaces have been cleaned.

The compound can also be applied to assembled components. In these cases, after the sealing joint has been cleaned and degreased, **REINZOSIL** is applied directly to the sealing gap, similar to the procedures used in the building industry.

Instructions for use

Remove any gasket remnants or other residues such as grease, oil, etc. with RE-MOVE solvent remover. Allow the surfaces to dry, then apply the sealing compound on one side manually or by means of a pneumatic spraying device. Assemble the components immediately.

Processing temperature lies between +5 °C and +40 °C. Depending on temperature and humidity, a skin develops after 5 to 12 minutes. The full curing time depends mainly on the relative air humidity (RH) and room temperature, as well as on the thickness (gap height) and width of the applied layer.

The following applies:
The higher that air humidity and temperature are, or the thinner and narrower the sealing layer is, the shorter will the curing time be. With a layer or gap width of e.g. 7 mm, and a thickness or gap height of 1,5 mm at 40 °C and 90 % RH, the full curing time is about 9 hours, provided that temperature and humidity have access to both sides. With the above sealing gap dimensions, but at normal ambient conditions

(approx. 23 °C and 50 % RH), curing time would be about 100 hours. Fully cured (vulcanized) material can only be removed mechanically.

Caution! Irritation of the respiratory tracts!
Ensure good room ventilation.

The information shown above is based on the current state of knowledge and relates to the product "as delivered". It describes the product in regard to safety requirements and does not guarantee any particular product features. In view of the many possible installation and operating conditions, no final conclusions may be drawn for the behavior in a sealed joint. Therefore, we cannot assume any liability for the data provided, as they do not represent assured characteristics. In case of doubt, please contact us with an exact description of the application and precise information on the operating conditions.

Storage period

Unopened cartridges can be stored for about 12 months in a dry environment (+5 °C up to 25 °C).

Form of delivery

Form of delivery	REINZ No.	Packaging unit
Tube, 70 ml	70-31414-10	25 tubes in counter display
Pressurized can, 200ml	70-31414-20	10 pressurized cans in a carton