

Removable Sealing Compound PH-S-607



Technical Data		
Mixing ratio	9 : 1	(by weight)
Processing time / pot life	60 - 100 min.	(23°C, to 60.000 mPa.s)
Mixing viscosity	app. 4.000 mPa.s	(23°C, after Brookfield)
Density	1,17 g/cm ³	(23°C; reaction product)
Hardness Shore A	app. 30	(23°C)
Resistance to temperature	-45°C to +180°C	(after hardening)

Material description

The removable sealing compound PH-S-607 is a addition curing two-component silicone rubber that vulcanizes at room temperatures.

It has a excellent flowability with good self-deaeration. The compound has good dielectric properties. The compound can be removed by knife or similar tools.

Application

Encapsulation of electrical and electronic components.

Processing

Before the rubber base is taken from the drum or mixed with the catalyst, it must be stirred thoroughly, preferably using a mechanical stirrer, in order to redisperse any filler which may have settled.

For processing Silicon E the hardener must be filled in the rubber base and both components must be mixed with constant stirring.

The mixture should be poured in a thin stream from close as possible. The point of contact should not be varied once selected. The silicone rubber will thus fill all voids and expel air. The resultant vulcanisates are bubble-free.

PH-S-607 will cure at room temperature as well as at elevated temperature.

PH-S-607 does not adhere to other substrates. If the adhesion of the rubber to different metals or glass is required, the application of a primer is necessary. To achieve an optimal adhesion it is advisable to cure the compound at elevated temperatures (for example 1 hour at 150°C).

Certain chemicals can retard, or in unfavourable cases, prevent the vulcanisation. This includes sulfur-, tin-, nitrogen-compounds like amines, amides, azides, some antioxidatants in plastic and rubber, certain plasticine types, residues of solid condensation curing silicone rubbers, phenol resins, etc. The user is advised to test all raw materials as to their compatibility with PH-S-607.

Storage

The original closed tins have to be stored in a dry and frost-free place. Open units must be used at once.

The processing-guarantee is 12 months after production date (see labels on the containers).

Hazardous / Safety advice

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