

## Dirko Special Silicone | beige Permanently-elastic special sealing compound for sealing oil pans and other housing covers



### Description and typical applications

Dirko Special Silicone is a pasty, elastic, cold-vulcanized sealing compound based on silicone rubber with excellent adhesion to metals and non-metals. Dirko Special Silicone (beige) is used to seal surfaces, gaps and cracks on components that are subject to distortion and movement when in use, e.g. engines, gearboxes and machines as well as in connection with drying, air-conditioning and cooling units and for hobby needs (cannot be painted or varnished).

Characteristic	value   range   unit
Temperature stability after hardening	-50°C to +180°C
Resistance	resistant to ozone, uv, extreme weather conditions, effect of hot and cold water, saltwater, greases and mineral oils (also with additives), aliphatic hydrocarbons and cleaning agents, resistant to weak acids and alkalis and many chemicals
Corrosion behaviour	not corrosive
Electrical properties	insulating
Density	1.13 g/cm <sup>3</sup>
Viscosity at +20°C	pasty, stable
Volume shrinkage	approx. 8 – 11%
Skin formation time (at +23°C and approx. 50% relative humidity)	approx. 10 min.
Vulcanization time (+23 °C and approx. 50% relative humidity)	approx. 4 mm/24 hours
Hardness	approx 58 ± 5 Shore A
Tensile strength (DIN 51455)	approx. 1.9 N/mm <sup>2</sup>

# Dirko Special- Silicone | beige



Das Original



## Physical/chemical characteristics

Form	pasty
Color	beige
Odor	characteristic
State	elastic-solid
Linking system	methyl isobutyl ketoxim
Reaction system	linking humidity

## Application

- **Application temperature:** +5°C to +30°C.
- The surfaces to be sealed have to be cleaned and degreased, preferably using spirit-like solvents.
- Remove old silicone residues with Elring Silicone Solvent 030.800. Absolutely clean and grease-free surfaces are the best guarantee for secure sealing or adhesion of the sealing compound when fully vulcanized.
- Depending on the use, the parts can be fitted immediately after application or after hardening. The sealant effect is immediate.
- **Recommendation:** Wait for approx. 45 minutes before commissioning.

## Restrictions

Prior to use, remove the cap, pierce the seal and screw on the injection nozzle. Cut the opening straight. Apply a strip of compound 2.5 – 3 mm wide (depending on the width of the component) on one side. Fit components immediately after application.  
**Caution:** If the strip of compound is too thick there is a danger that the compound may drip into the interior.

## Warning

To be used only by trained staff. Contains 3-(2-Amino ethylamino) propyl trimethoxysilane. May cause allergic reactions. Safety Datasheet available on request for professional users. Dispose of the tube only when completely empty.

## Storage

Storage	store in a cool and dry place (room temperature)
Storage life	min. 12 months in an unopened container
Disposal	dispose of the can only when completely empty, using the local disposal company

Form of supply	Contents	Elring-No.	Original pack/pcs
Aluminium tube with nozzle and key for pressing tube	70 ml	030.790	10 pieces

All information contained in this data sheet is based upon the extensive experience of the seller. However, no promises about specific properties can be made and no guarantees of any kind can be given. Since the particular circumstances of each individual case determine the success of the sealing compound, the above data applies in general and not individual cases.



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