

Dirko® SN (self-levelling) – the permanently flexible sealing compound

Description and typical applications

Dirko® SN is a viscous, elastic, cold-vulcanizing sealing compound, based on silicone rubber with excellent adhesion effect to metallic and non-metallic surfaces. Dirko® SN is used in industrial and in many other sectors, e.g. to seal surfaces, gaps, cracks and joints including components that are subject to distortions and motions. As a consequence of its ability to flow (self-levelling), it can enter the smallest bores, gaps and grooves. Dirko® SN cannot be painted or varnished.

<i>Characteristic</i>	<i>value range unit</i>
Temperature stability	after complete curing -40°C to +180°C
Resistance	resistant to ozone, uv, extreme weather conditions, hot and cold water, seawater, greases and mineral oils (also with additives), aliphatic hydrocarbons and cleaning agents, a range of chemicals and foodstuffs of all kinds.
Not resistant to	strong acids, alkalis and aromatics
Flash point	> 200°C
Density at 20°C	approx. 1.40 g/cm ³
Viscosity at 20°C	stable
Electrical properties	insulating
Volume shrinkage	approx. 7%
Skin formation time (at +23°C and 50% relative humidity)	approx. 5 – 10 min.
Vulcanization time (at +23°C and 50% relative humidity)	approx. 3 mm/day
Hardness	22 shore
Tensile strength	> 0.3 N/mm ²
Density	approx. 1.4 g/cm ³

Elring Sealing Compound Dirko® SN



Das Original

Physical/chemical characteristics

Form	viscous liquid (self-levelling)
Color	black
Odor	of amines
State after application	flexible rubber
Vulcanization system	amine

Application and processing

The surfaces to be sealed have to be cleaned and degreased, preferably with cleaners' naphtha or similar solvent. Hardened silicone remnants can be removed using Elring Special Silicone Solvent. Perfect sealing or adherence of the sealing compound when fully cured is ensured only if the surfaces are absolutely clean and grease-free. Depending on the requirements of the situation, the components can be assembled immediately, after the skin has formed, or after complete vulcanization.

Note: If too much sealing compound is applied, it can drip into the interior. Depending on requirements, the parts can be assembled either immediately after application, after the skin has formed or after full curing.

When sealing without disassembly, e.g. in the case of joints or cracks, Dirko® SN can also be applied on the outside if the surface is thoroughly cleaned. Equipment assemblies sealed in this way should only be operated again after approximately 60 minutes. In the fully cured state, Dirko® SN is physiologically safe.

Warning

Keep out of reach of children.

Processing equipment	mechanically or pneumatically operated hand-held pistols or automatic dosing systems. Supplier information on request
Equipment cleaning	Cleaner's naphtha, only mechanical removal once compound is fully cured

Storage

Storage	store in a cool, dry place (+5 °C to +25°C)
Storage life	12 months in an unopened container

Identification

GefStoffV (regulations on hazardous substances)	Xi, irritant
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Form of supply	Contents	Elring no.	Original pack/pcs
Dirko® SN cartridge	310 ml	286.729	10 pieces

Larger containers on request

All information contained in this datasheet is based upon the extensive experience of the seller. However, no liability can be undertaken. Since the particular circumstances of each individual case determine the success of the sealing, the data provided here applies in general and not for individual cases. Dirko® SN is a registered trademark of ElringKlinger AG.



Das Original

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