

Dirko-S Profi Press HT Permanently-Elastic, Temperature-Resistant, High-Performance Sealing Compound from a Pressurized Can



Description and typical applications

Dirko-S Profi Press HT is a pasty, elastic, cold-vulcanized sealing compound based on silicone rubber with excellent adhesion to metals and non-metals. Dirko-S Profi Press HT is used to seal surfaces, gaps and cracks on components that are subject to distortion and movement when in use, e.g. engines, gearboxes, machines, pumps, ships, equipment assemblies and heating construction 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 +250°C, for short periods +300°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	1.1 g/cm ³
Viscosity at +20°C	pasty, stable
Volume shrinkage	approx. 8%
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. 25 ± 5 Shore
Tensile strength (DIN 51455)	approx. 1.1 N/mm ²

Dirko-S Profi Press HT



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Physical /chemical characteristics

Form	pasty
Color	black
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. 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.
- When sealing without disassembly of the components, e.g. joints or cracks, Dirko-S Profi Press HT can be applied on the outside if the surface is thoroughly cleaned.
- Recommendation:** Wait for approx. 45 minutes before commissioning.

Processing

Remove cap before use. Unscrew the angled nozzle, remove protective cap. Press the nozzle in a measured fashion to release sealing compound from the opening and apply it along the contours of the component. Do not apply the compound too thickly because there is a risk that the sealing material can drip into the interior. Replace the protective cap on the nozzle after use.

Warning

To be used only by trained staff. Must be kept out of reach of children. Pressurized container. Protect against the sun's rays and heating over +50°C. Do not open can with force or burn, even after use. Avoid contact with the eyes and skin. Wash with soap and water immediately in the event of contact. Dispose of the can only when completely empty. Safety Datasheet available on request for professional users.

Storage

Storage	store in a cool and dry place (room temperature); protect against the sun's rays and heating over +50°C
Storage life	at least 18 months in an unopened container
Disposal	dispose of the can only when completely empty, using the local disposal company
Identification	not necessary

Form of supply	Contents	Elring-No.	Original pack/pcs
Pressurized aluminium spray can	200 ml	129.400	12 pieces
Replacement nozzle	–	131.000	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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