

SI 4 CONDUCTING PASTE



SI 4 FLUID is a non hardening filling paste, suitable for thermal exchange between metals. Water resistant, it does not change its plastic characteristics in a wide range of temperatures.



Typical uses

- **SI 4** is specifically recommended as a heat conducting mass between coils and refrigerating plates in cold industry as an alternative to welding.
- **SI 4** can be used for the passage of heat between adjacent metal surfaces.

Properties

Composition : non drying liquid elastomers, synthetic resins and mineral fillers
Consistency : paste
Resistance : moisture and water resistant

Availability

Code	Colour	Packaging	pcs./box
1103257	ivory	25 Kg. 290x330 metal pail	-
1103258 *	ivory	7 Kg. can	4
1103259 *	ivory	310 ml. cartridge	24

* Available on request.

Technical data

Specific gravity :	1,7 kg/dm ³
Solids content :	100%
Service temperature range :	-30°C / +70°C
Slumping :	non slumping at 100°C (channel 20x20mm)
Thermal Conductivity λ (ISO 8302/91) :	0,501 W/m.°K (at 0°C)
Penetration (g. 300 cone at 20-26°C) :	20 – 30 mm *

* Value valid as product supply specification upon leaving the factory.

Method of use

Surfaces must be dry and clean. If necessary metal surfaces may be degreased by solvent. For optimal use of the product it is suggested to heat the container before use; at a temperature of 30-40°C the paste is better workable by using a spatula and has more adhesion to substrates.

Storage stability

At least 12 months if stored in the original sealed pack, in a dry place, at a temperature range from +5° to +25°C.

