

# TECHNICAL DATA SHEET

## RTV-NT



### Neutral Gasket Maker

Neutral curing high performance silicone sealant which maintains its flexibility in temperatures up to +300°C. Can be applied to sensitive surfaces and adheres perfectly to make gasket. Extra high quality and odorless silicone sealant which is designed to be used as gasket.

### TECHNICAL DATA

■ Basis	Neutral
■ Consistency	Thixotropic
■ Curing system	Moisture Curing
■ Tack-free time	Ca. 10 mins
■ Skin Formation* (20°C/65% R.H.)	2-3 mm/24h
■ Hardness (DIN 53505)	30 ± 5 Shore A
■ Density	1,05 gr/lt
■ Elastic Recovery (ISO 7389)	-40°C +250°C
■ Motility	10%
■ Elongation at Break (DIN 53504)	> 400 %
■ Application Temperature	5 °C - 40 °C

### APPLICATIONS AREAS

- In gasketing applications where resistance to high temperatures and/or high thermal cycling in automotives, machines, heating systems, industrial ovens, chimneys etc...
- Very good solution for gasket needs of rubber gaskets which is hard to find.
- Meets extra high quality gasket needs for specific applications.

### SPECIFICATIONS

- Neutral curing. Does not release any acid and can be applied on sensitive metals.
- Pure silicone, does not contain any organic extender.
- Almost odorless cure.
- Resists shrinking and cracking caused by exposure to thermal cycling between -50°C ve +300°C
- Preserves its elasticity when permanently exposed to temperatures up to 250°C.
- Improved oil resistance

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### SAFETY INFORMATION

It contains minor amounts of volatile chemicals. It must not be inhaled and the application ambience must be ventilated if used indoors. Since it may cause irritation to avoid prolonged contact of wet silicone to skin. Hardened silicone does not contain any harmful components.

### SURFACE PREPERATION

- Surfaces which contact with sealant must be clean and dry and not contain any oil, dust or rust.
- Non-porous surfaces must be cleaned in advance with a suitable solvent. Applied solvent must be wept well from the surface without allowing it to evaporate.
- Applying masking tape around the application joints prevents smudging and provides a more aligned application.
- Masking tape must be removed promptly after application.
- Primer is not needed before the application on non-porous surfaces like faience, ceramics and glass.
- Primer use may be required for some metal and plastic types.

### JOINT PREPERATION

- Joint width must be between 6-20 mm.
- Depth of the applied silicone depends on the size of width. Apply 6 mm silicone in the widths with depths up to 12mm.
- Depth of silicone must be roughly half of its width wider joints.

### APPLICATION METHOD

- Cut the tip of the cartridge and screw the application nozzle to the cartridge
- Cut the nozzle at a suitable points depending on the thickness of the application joint.
- Place the cartridge to the silicone gun and apply on the desired area.
- Before silicone forms a crust, smoothen the silicone with a thin plastic of wood spatula.
- Clean the smudged silicone with a solvent based cleaner without allowing it to dry. Dried silicone can be cleaned with mechanical methods

### PACKAGING (Volume)

280 ml cartridge (box of 25 pieces)

### SHELF LIFE

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

### COLORS



Grey

Black

Red



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