HT Silicone Sealant Red (308010)
Technical Data Sheet

Product Description
308010 is a one component silicone sealant based on polysiloxane with acetic crosslinking formula, especially developed for areas exposed to high temperatures, ready to use in a double-piston aerosol container.

Properties
- Good adhesion on many surfaces, e.g. glass, glazed surfaces, enamel, ceramic, painted
- wood etc.
- High temperature resistant, up to 260 °C (temporary up to 300 °C)
- Ideal also for application in areas with low temperatures (down to -60 °C)

Application Area
- For sealing of all kind in areas exposed to extreme temperatures
- Sealing in heating installations and many technical applications (heating elements, ovens, fireplaces etc.)

Limitations
Not suitable for applications on concrete, natural stone and materials which may corrode like lead, copper, zinc-coated steel etc. Not suitable for PP, PE, Teflon and bitumen surfaces. Not for insulating glass! Elastic joints may not be painted.

Processing Instructions
Surfaces must be stable, clean and free of dust, oil and grease. The best temperature of material and surfaces is between +5°C and +25°C. Pre-treating of porous surfaces with asuitable primer is recommended.

It is recommended to test compatibility on the respective surfaces.
- Wear protection glasses and protection gloves.
- Cut the nozzle to the required thread width.
- Remove protective element at the thick end of the nozzle.
- Turn nozzle to the left ¼ turn.
- Apply the material by pressing the lever.
- Smooth the silicone before skinning.

Pressurized container – Protect against temperatures above +50°C and direct sunlight.
Don't open the container even after clearing and don't expose to fire!

Technical Data

Basis		Polysiloxane, acetic crosslinking
Colour		Black
Application temperature		+5 °C - +35 °C
Temperature Resistance	after curing	-60 °C - + 260 °C
Resistance to flow	ISO 7390	<2
Density		1,08 g/cm³
Skinning Time	+23 °C / 50% RH	approx. 5 minutes*
Curing	+23 °C / 50% RH	approx. 1,5 mm per day*
Shore-A-hardness	DIN 53505	approx. 30
Module E (100%)	DIN 53504	0,5 MPa
Elongation at break	DIN 53504	> 300%
Storage	+5 °C - + 25 °C cool and dry	Unopened 12 months

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*) depending on layer thickness and surface material

Cleaning
In case of skin contact, wash thoroughly with soap and water.
Cured acrylic can be removed mechanically, or using a proprietary silicone remover.

Safety Instructions
Please follow the instructions for industrial health and safety protection in the Material Safety Data Sheet.

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Important Note

Whilst all reasonable care is taken in compiling technical data on the company's products, all recommendations or suggestions regarding the use of such products are made without guarantee, since the conditions of use are beyond the control of the Company. It is the customer's responsibility to satisfy himself that each product is fit for the purpose for which he intends to use it, that the actual conditions of use are suitable and that in the light of continued research and development the information relating to each product has not been superseded.

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