



Product description

Masters SX9870 is a mono-component silicone sealant with oxime crosslinks at room temperature. Particularly suitable for sealing almost every surface that need protection from high temperature.

Special features

- no-corrosive / no-halo on metallic or plastic surfaces
- meko (Methyl Ethyl Ketoxime) free
- non-sag
- it maintains its elastic characteristics unchanged even at high temperature between -40°C +260°C continuously and for short periods at +300°C

Application

- sealing of connecting and expansion joints exposed to high temperatures
- sealing of joints exposed to long-term temperatures of 200°C
- suitable for industrial applications
- car, industrial and sea engine gaskets

Restrictions on use

MASTERS SX9870 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

MASTERS SX9870 is not recommended for sealing of aquaria.

MASTERS SX 9870 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

MASTERS SX9870 is not recommended for structural glazing bonding.

Adhesion

MASTERS SX9870 exhibits excellent primerless adhesion to most non-porous siliceous material, e.g. glass, tiles, ceramics, enamel, glazed tiles and clinker; impregnated, varnished or painted wood; and some plastics.

Users must carry out their own tests due to the great variety of substances. The adhesion can be improved in many cases by pretreatment of the substrates with a primer.

If adhesion difficulties arise please contact our technical service.

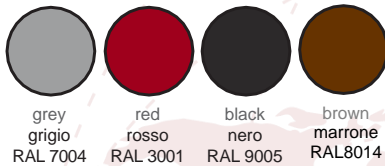
Package

cartridge 310 ml, box 12/24 pc

drums 23 kg

drums 230 kg

Colours



grey
grigio
RAL 7004

red
rosso
RAL 3001

black
nero
RAL 9005

brown
marrone
RAL 8014

Processing

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material such as dust, dirt, rust, oil and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a fresh clean, dry cloth.

Storage

The "Best use before end date" of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons. Stored in its original packaging, in a cold dry place (+5°C and +25°C), away from direct sunlight, the product lasts 14 months.

Heat resistance

MASTERS SX9870 is heat stabilized and remains unaffected by long term exposure to extreme temperatures up to 260°C.

It can also be used for shorter periods up to 300°C

Safety notes

Good ventilation of the work place is necessary. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed.

thoroughly with water as irritation will otherwise be caused. Cured silicone rubber, however, can be handled without any risk to health. Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from MASTICI VOTTERO subsidiaries.

MASTERS SX9870 - Product data

General characteristics	Inspection method	unit	Value
Uncured paste / Gomma non vulcanizzata			
Density at 23°C	ISO 1183-1 A	[g/cm ³]	1.00
Consistency	ISO 7390, profile U 20		non-sag
Skin forming time at 23°C / 50% rh		[min]	15
Curing time at 23°C / 50 % r.h.		[mm/24h]	3
Cured paste			
After 4 weeks storage at 23°C / 50% rh			
Tensile strength	ISO 8339	[N/mm ²]	1.50
Elongation at break	ISO 8339	[%]	250
Modulus at 100% elongation	ISO 8339	[N/mm ²]	0.75
Hardness Shore A	ISO 868		35
Temperature resistance		[°C]	-40 / +260
For short period		[°C]	+300°C

These figures are only intended as a guide and should not be used in preparing specifications.

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

For technical, quality, or product safety questions, please contact:
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