



### Product description

One-component, hygrosetting silicone sealant for general-purpose sealing in high temperature applications up to 200°C.

MASTERS 985 cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber.

### Special features

- no-corrosive / no-halo on metallic or plastic surfaces
- non-sag
- does not glide into vertical joints
- ready gunnability at low (+5 °C) and high (+40°C) temperatures
- flexible at low (-40°C) and high temperatures (+200°C)
- hygrosetting curing
- rapid crosslinking: quickly becomes tack-free
- adheres excellently to glass, vitrified surfaces, ceramic tiles, many plastics and most paints
- good tooling properties
- maintains elastic properties at continuous temperatures of up to 200°C
- short-term resistance up to 250°C
- no corrosion/alonos on metallic and plastic surfaces
- UV resistant
- excellent features for professional use

### 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
- suitable for bonding and sealing on multiple surfaces like plastic, glass, steel and rough or varnished aluminium
- seal joints between different materials surfaces (wood, concrete, glass, ceramic, bricks, zinc, aluminium, copper and mostly plastic substances)

### Restrictions on use

MASTERS 985 may be discolored in contact with some organic elastomers, e.g. EPDM, APTK and neoprene.

MASTERS 985 is not recommended for sealing of aquaria.

MASTERS 985 is not recommended for use on natural stone, such as marble, granite, quartzite, as it can cause staining.

MASTERS 985 is not recommended for structural glazing bonding.

## Adhesion

MASTERS 985 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.

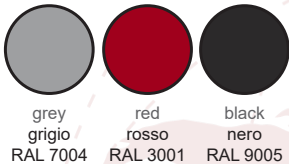
## Package

cartridge 310 ml, box 12/24 pc

drums 23 kg

drums 230 kg

## Colours



## 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 985 is heat stabilized and remains unaffected by long term exposure to extreme temperatures up to 200°C.

It can also be used for shorter periods up to 250°C

## Safety notes

During vulcanization acetic acid is released. These vapors should not be inhaled for long periods or in high concentration. Hence, 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 985 - Product data**

General characteristics	Inspection method	unit	Value
<b>Uncured paste / Gomma non vulcanizzata</b>			
Density at 23°C	ISO 1183-1 A	[g/cm <sup>3</sup> ]	1.07
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]	2
<b>Cured paste</b>			
<b>After 4 weeks storage at 23°C / 50% rh</b>			
Tensile strength	ISO 8339	[N/mm <sup>2</sup> ]	1.00
Elongation at break	ISO 8339	[%]	200
Modulus at 100% elongation	ISO 8339	[N/mm <sup>2</sup> ]	0.50
Hardness Shore A	ISO 868		28
Temperature resistance		[°C]	-40 / +200

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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