

ELASTOSIL® RT 772

RTV-2 SILICONE RUBBER

Product description

ELASTOSIL® RT 772 is a pourable, condensationcuring, two-component silicone rubber with good primerless adhesion.

Special features

- low viscosity
- very good heat resistance
- fast cure at room temperature
- good primerless adhesion
- UL 94HB listed, when cured with Catalyst T 77

Application

- gluing and sealing of metal and glass
- typical applications are the gluing and sealing of water tanks, steam chambers and sole plates of steam irons

Processing

ELASTOSIL® RT 772 is processed by adding Catalyst T 78 or Catalyst T 77.

We recommend running preliminary tests to optimize conditions for the particular application. Comprehensive processing instructions are given in our leaflet "Wacker RTV-2 Silicone Rubber - Processing".

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.

Safety notes

According to the latest findings, ELASTOSIL® RT 772 contains neither toxic nor aggressive substances which might require special handling precautions. General industrial hygiene regulations should be observed.

Catalyst T 77 and Catalyst T 78 contain aminosilanes and should not come into prolonged contact with the skin.

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

Product data

Typical general characteristics	Inspection Method	Value
---------------------------------	-------------------	-------

Product data (uncured)
Component ELASTOSIL® RT 772

Color		white
Viscosity, dynamic	BROOKFIELD	20000 mPa.s
Density	DIN 53217	1,3 g/cm ³

Component A
Component Catalyst T 77

Color		black
Viscosity at 23 °C	DIN 53018	150000 mPa s
Density at 23 °C		1,1 g/cm ³

Component B
Component Catalyst T 78

Color		black
Viscosity at 23 °C	DIN 53018	350000 mPa s
Density at 23 °C		1,1 g/cm ³

Component B
Product data (catalyzed A+B)
Component Catalyst T 77

Mix ratio , parts by weight	A : B	10 : 1
Viscosity of mix at 23 °C		35000 mPa s
Pot life, manual at 23 °C		30 min
Tack-free time		90 min

Component Catalyst T 78

Mix ratio , parts by weight	A : B	10 : 1
Viscosity of mix at 23 °C		37000 mPa s
Pot life, manual at 23 °C		10 min
Tack-free time		45 min

Product data (cured)
Component Catalyst T 77

Color		black
Density at 23 °C in water	DIN EN ISO 1183-1	1,26 g/cm ³
Hardness Shore A	DIN 53505 / ISO 868	35
Tensile strength	DIN 53504 S1 / ISO 37	2,2 N/mm ²
Elongation at break	DIN 53504 S1 / ISO 37	200 %

Component Catalyst T 78

Color		black
Density at 23 °C in water	DIN EN ISO 1183-1	1,26 g/cm ³
Hardness Shore A	DIN 53505 / ISO 868	35
Tensile strength	DIN 53504 S1 / ISO 37	2,3 N/mm ²
Elongation at break	DIN 53504 S1 / ISO 37	210 %

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

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products for a particular purpose.

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

WACKER is a trademark of Wacker Chemie AG.
ELASTOSIL® is a trademark of Wacker Chemie AG.

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

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
info.silicones@wacker.com

www.wacker.com