

**WACKER**

CREATING TOMORROW'S SOLUTIONS

**WACKER**

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Your local partner



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The data presented in this brochure 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 brochure 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.

**ELASTOSIL® RT**

RTV-2 SILICONE RUBBER | **PAD PRINTING**

**FORM HAS NO LIMITS**  
**ELASTOSIL® RT**  
**SILICONE RUBBER**  
**FOR PAD PRINTING**

## THE ADVANTAGES OF ELASTOSIL® RT GRADES ...

Whether for porcelain, plastic articles, electronic components, promotional items or any other uneven surface to be printed – long-term consistency of mechanical properties and outstanding ink-transfer characteristics are key factors when producing printing pads. Our room-temperature-curing ELASTOSIL® RT silicone rubbers provide precisely these qualities, and many others.

### Excellent Properties

Due to their low viscosity, ELASTOSIL® RT silicone rubbers offer outstanding flowability and good self-deaeration. The high reactivity of all the products listed in the table guarantee short process times during manufacturing – even when the rubber contains large amounts of silicone fluid. Other impressive properties include long-term consistency of mechanical properties and excellent tear resistance, making our products indispensable for pad printing. Antistatic variants for printing

### Advantages

- Good flow
- Self-deaeration
- Rapid demolding time
- Long-term consistency
- High tear resistance



## ... ENSURE IMPRESSIVE PRINT RESULTS

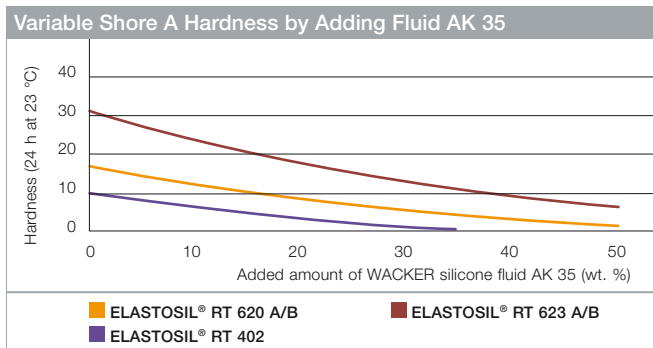
sensitive parts and additional ELASTOSIL® systems round off our high-performance product portfolio. Plus, ELASTOSIL® RT pads can help you achieve superior print results, even for large print runs.

only perfectly-matched products enable the best possible individual fine-tuning of the printing pad properties.

You can find detailed information on the relevant technical data sheets at [www.wacker.com](http://www.wacker.com)

### Custom Processing

WACKER silicone fluids are available in various viscosities depending on the desired surface, composition or hardness of the printing pad:



ELASTOSIL®							
Product	Properties	Paint	Hardness [Shore A]	Tensile strength [N/mm <sup>2</sup> ]	Elongation at break [%]	Tear Strength [N/mm]	Viscosity at 23 °C [mPa s]
RT 620 A/B	Very soft, excellent mechanical strength	Translucent	17	5.0	900	12	6,000
RT 623 A/B	Medium hard, excellent mechanical strength	Reddish brown	31	7.5	700	30	10,000
RT 629 A/B	Medium hard, antistatic, high mechanical strength	Turquoise	31	6.0	500	25	8,000
RT 402*	Very soft, high extensibility, antistatic	Gray	11	2.0	350	3	13,000

\*Condensation-curing grade

This information is only intended as a guide and should not be used to prepare specifications.

ELASTOSIL® is a registered trademark of Wacker Chemie AG.