



ELASTOSIL® VARIO 15 or 40 is offered in drums (200kg), pails (20kg) or PE canisters (5kg).

MORE OPTIONS THANKS TO CUSTOMIZABLE PACKAGING SIZES

When it comes to drum size, ELASTOSIL® VARIO is likewise tailored to your needs, allowing you to choose between drums, pails and PE canisters. The main benefit? No need for lot numbers to match!

Thus, You Can Continue to Rely on the Advantages of ELASTOSIL® Silicone Rubber:

- Consistently high quality
- Uncomplicated, customized handling
- Comprehensive consultation services from regional representatives

ELASTOSIL® is a registered trademark of Wacker Chemie AG.

WACKER is certified according to ISO 9001:2008 and ISO 14001:2004.

WACKER

Wacker Chemie AG
Hanns-Seidel-Platz 4
81737 München, Germany
Tel. +49 89 6279-1741
Fax +49 89 6279-1770
info@wacker.com

www.wacker.com

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.

WACKER

CREATING TOMORROW'S SOLUTIONS



ELASTOSIL®

RTV-2 SILICONE RUBBER | ADDITION CURING SYSTEM

FLEXIBILITY. NO LIMITS!
ELASTOSIL® VARIO MODULAR
ADDITION CURING SYSTEM

MORE FLEXIBILITY MADE SIMPLE: ELASTOSIL® VARIO

Are you looking for a silicone rubber with a specific hardness and a specific level of reactivity? No problem! The innovative ELASTOSIL® VARIO system lets you simply blend your own silicone rubber – the WACKER quality you count on remains the same.

Applications:

- General potting or casting applications without the demand for specific product properties
- Encapsulation of electrical and electronic components
- Coatings
- Manufacture of technical parts
- Mold making

The Advantages:

- Flexible hardness
- Variable reactivity
- Color can be adjusted to individual needs
- Outstanding mechanical properties
- Low density
- Long shelf life

MORE VARIABILITY THANKS TO SHORE A HARDNESS BETWEEN 15 AND 40

Since ELASTOSIL® VARIO consists of two different silicone rubber grades (ELASTOSIL® VARIO 15 and ELASTOSIL® VARIO 40) and two different catalysts (the VARIO and VARIO F ELASTOSIL® catalysts), customers can simply blend a silicone rubber grade that meets their own individual specifications.

Adjusting Hardness to Individual Needs

The two rubber grades can be processed in any desired blending ratio. The formula for adjusting hardness is simple: the more ELASTOSIL® VARIO 15 used, the lower the Shore hardness grade. The relationship between hardness and the amount of ELASTOSIL® VARIO 15 used is linear. The mechanical properties remain at a consistently high level throughout the entire mixing range.

Adjusting Reactivity

Complementing the system are two catalysts that have been specifically designed to work with it: the ELASTOSIL® VARIO catalyst for normal reaction times and the ELASTOSIL® VARIO F catalyst for fast reactivity. Depending on the desired speed, you can cure the base rubber grades in a ratio of 10:1 with your preferred catalyst, or even a mixture of the two.

Info

We will provide you with a calculation module to make it easier for you to calculate the blending ratio.

MORE INDIVIDUALITY WITH PIGMENT PASTES FROM WACKER

ELASTOSIL® VARIO can be colored according to your individual needs without altering the properties of the silicone rubber. The extremely rich pigments of the ELASTOSIL® FL series (obtainable in cans or pails) are ideally tailored to this job.

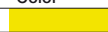



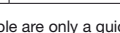
Individual Pigmentation

All of our pigment pastes can be combined with each other to create a wide variety of hues. Our Application Technology team will be glad to help you with this.

Pigments Compliant with FDA and BfR Standards (BfR = Germany's Federal Institute for Risk Assessment)

We offer a wide selection of these pigments as well, along with a variety

of pigments that comply with USP Class VI and ISO 10993 standards. In addition to the standard colors,

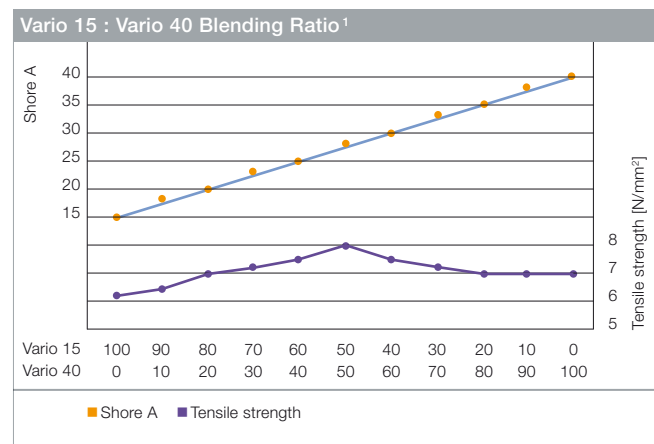
ELASTOSIL® Standard FL Pigment Pastes		
Name	RAL ²	Color
Yellow	1016	
Iron oxide red	3013	
Blue	5022	
Deep black	9011	
White	9010	

²The RAL values in the table are only a guide.

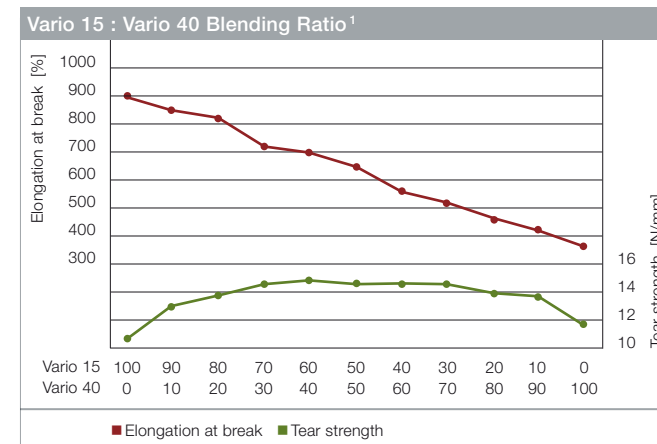
WACKER also offers a wide variety of shades in different RAL gradations.

Your WACKER contacts will be happy to assist you with any questions you may have about WACKER pigments.

Our ELASTOSIL® FL pigment pastes can withstand temperatures of 175 °C for 42 days and 200 °C for 21 days. The pigments remain UV stable for at least 21 days (UV exposure test, sun tester). Please contact our Technical Service for requirements exceeding those listed above.



¹The figures and information in this graphs are intended as guide only and may vary. You can obtain detailed information from our technical advisor.



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