WACKER

CREATING TOMORROW'S SOLUTIONS



ELASTOSIL®

SILICONE RUBBER I ELASTOSIL® COLOR PASTES FL & PT

ADD A SPLASH OF COLOR TO YOUR SILICONES

ELASTOSIL® COLOR PASTES FL

Standard Color Pastes

Product Name	Similar to[1] /Suffix	BfR[2]	FDA[3]	China[4]	Mercosur[5]	USP cl. VI / ISO 10993[6]
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1006	●	A-H		●	
ELASTOSIL® COLOR PASTE FL IVORY	RAL 1014	●	A-H			
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1016	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1021	●	B-H		●	
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1026					
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1026 F	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL YELLOW	RAL 1033	●	B-H		●	
ELASTOSIL® COLOR PASTE FL RED BROWN	RAL 2001	●	A-H	●	●	
ELASTOSIL® COLOR PASTE FL RED BROWN	RAL 2001 F	●	A-H	●	●	
ELASTOSIL® COLOR PASTE FL PASTEL ORANGE	RAL 2003 F	●	B-H		●	
ELASTOSIL® COLOR PASTE FL ORANGE	RAL 2004	●				
ELASTOSIL® COLOR PASTE FL ORANGE	RAL 2004 F	●	B-H		●	●
ELASTOSIL® COLOR PASTE FL PURE ORANGE	RAL 2004 F2	●	B-H		●	
ELASTOSIL® COLOR PASTE FL RED	RAL 3000					
ELASTOSIL® COLOR PASTE FL RED	RAL 3000 F	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL RED IRON OXIDE	RAL 3013	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL RED	RAL 3020	●	B-H		●	●
ELASTOSIL® COLOR PASTE FL RASPBERRY RED	RAL 3027	●	A-H	●	●	
ELASTOSIL® COLOR PASTE FL RED VIOLET	RAL 4002	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL ULTRAMARINE BLUE	RAL 5002	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL DARK BLUE	RAL 5010	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL LIGHT BLUE	RAL 5015	●				
ELASTOSIL® COLOR PASTE FL LIGHT BLUE	RAL 5015 F	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL BLUE	RAL 5022	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL HELIOGREEN	RAL 6004	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL GREEN	RAL 6010	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL GRAY	RAL 7000	●				
ELASTOSIL® COLOR PASTE FL GRAY	RAL 7012	●				
ELASTOSIL® COLOR PASTE FL GRAY	RAL 7040	●				
ELASTOSIL® COLOR PASTE FL DEEP BLACK	RAL 9005	●				
ELASTOSIL® COLOR PASTE FL BLACK	RAL 9005 F	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL DEEP BLACK	RAL 9011	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL SILVER	RAL 9006	●	A-H			
ELASTOSIL® COLOR PASTE FL WHITE	RAL 9010	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL TRAFFIC WHITE	RAL 9016	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL UV FLUORESCENT	–					
ELASTOSIL® COLOR PASTE FL LASER MARKING WHITE	–	●	A-H		●	○
ELASTOSIL® COLOR PASTE FL LASER MARKING BLACK	–	●	E-G		●	○
ELASTOSIL® COLOR PASTE FL LASER MARKING BLACK TRL	–	●	A-H		●	○

Should you require a particular color shade not covered by this portfolio or a version having broader approval (e.g. with respect to food contact or biocompatibility), we are happy to check whether a special formulation is possible. The availability in regions may differ. Please contact our sales colleagues.

For information purpose only. These figures are only intended as a guide and should not be used in preparing specifications. Please see the actual Product Compliance Sheet and/or separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE for detailed information about food contact, including information about any limitation in the amounts, food types, and/or conditions of use that may apply for this product, before using an ELASTOSIL® COLOR PASTE. These documents are available on www.wacker.com or may be requested from our sales department. Responsibility for compliance with all relevant regulations resides with the manufacturer of the finished article.

For some color pastes, various versions are available, e.g. "F" versions having broader approvals. Please be aware that, despite having the same RAL number, color shades may slightly differ.

○ Only ISO 10993-5 (Cytotoxicity)

1) The RAL values in the table and the color field shown in this brochure are only intended as a guide. The real colors may differ.
2) Complies with the requirements of BfR recommendations "XV. Silicones" and „IX. Colorants for Plastics and other Polymers Used in Commodities" (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
3) Complies with the requirements of FDA regulation CFR 21 §177.2600 „Rubber Articles Intended for Repeated Use". Use condition see table 2 in 21 CFR§176.170 (c). Further limits, e.g. with respect to maximum allowed dosage may occur (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
4) Complies with the requirements of Standard GB 9685-2016 (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
5) Complies with the requirements under GMC N° 15/2010 (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
6) USP<88> class VI and selected tests according to ISO 10993. For statements regarding the biocompatibility of our ELASTOSIL® COLOR PASTES FL and PT, please contact our technical service department.

Safety Notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets and Technical Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER website www.wacker.com. 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.

Special Color Pastes

Product Name	Similar to[1] /Suffix	BfR[2]	FDA[3]	China[4]	Mercosur[5]	USP cl. VI / ISO 10993[6]
ELASTOSIL® COLOR PASTE FL MAIZE YELLOW	RAL 1006 K1	●	B-H		●	
ELASTOSIL® COLOR PASTE FL ZINC YELLOW	RAL 1018	●	C-H	●	●	
ELASTOSIL® COLOR PASTE FL RED BROWN	RAL 2001 K1	●	B-H		●	
ELASTOSIL® COLOR PASTE FL BLOOD ORANGE	RAL 2002 K1	●	B-H		●	●
ELASTOSIL® COLOR PASTE FL PEARL ORANGE	RAL 2013	●	A-H	●	●	
ELASTOSIL® COLOR PASTE FL BLUE LILAC	RAL 4005 K1	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL PURPLE VIOLET	RAL 4007	●	B-H		●	●
ELASTOSIL® COLOR PASTE FL SIGNAL VIOLET	RAL 4008	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL LIGHT BLUE	RAL 5012 K1	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL MAY GREEN	RAL 6017	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL YELLOW GREEN	RAL 6018	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL TRAFFIC GREEN	RAL 6024	●	A-H		●	
ELASTOSIL® COLOR PASTE FL LIGHT GREEN	RAL 6027	●	A-H		●	
ELASTOSIL® COLOR PASTE FL PINE GREEN	RAL 6028	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL SIGNAL GREEN	RAL 6032	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL SQUIRREL GRAY	RAL 7000 K2	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL IRON GRAY	RAL 7011					
ELASTOSIL® COLOR PASTE FL GRAY	RAL 7021	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL LIGHT GRAY	RAL 7035 K1	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL DUST GRAY	RAL 7037	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL WINDOW GRAY	RAL 7040 K1	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL GRAY	RAL 7042					
ELASTOSIL® COLOR PASTE FL OCHRE BROWN	RAL 8001	●	A-H	●	●	
ELASTOSIL® COLOR PASTE FL PAPYRUS WHITE	RAL 9018	●	B-H			
ELASTOSIL® COLOR PASTE FL GERBERA RED	RAL 050 60 80	●	C-H		●	●
ELASTOSIL® COLOR PASTE FL IVORY	RAL 090 80 30	●	B-H		●	
ELASTOSIL® COLOR PASTE FL HYGIENE GREEN	RAL 190 70 30	●	B-H		●	●
ELASTOSIL® COLOR PASTE FL MOUNTAIN BLUE	RAL 210 70 30	●	A-H		●	●
ELASTOSIL® COLOR PASTE FL AZORES BLUE	RAL 230 50 40	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL LIGHT BLUE	RAL 260 80 15	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL PARLOUR RED	RAL 360 40 50	●	B-H		●	●

Translucent and Other Diluted Color Pastes

Product Name	Similar to[1] /Suffix	BfR[2]	FDA[3]	China[4]	Mercosur[5]	USP cl. VI / ISO 10993[6]
ELASTOSIL® COLOR PASTE FL BLUE 5026 D		●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL BLUE 5002 TRANSLUCENT		●	A-H	●	●	●
ELASTOSIL® COLOR PASTE FL ICEBLUE 34070		●	A-H		●	●

Other Color Pastes

Product Name	Similar to[1] /Suffix	BfR[2]	FDA[3]	China[4]	Mercosur[5]	USP cl. VI / ISO 10993[6]
ELASTOSIL® COLOR PASTE FL BEIGE RED PANTONE 7514 C		●	B-H		●	

Should you require a particular color shade not covered by this portfolio or a version having broader approval (e.g. with respect to food contact or biocompatibility), we are happy to check whether a special formulation is possible. The availability in regions may differ. Please contact our sales colleagues.

Our standard FL color pastes are available in 1 kg and 20 kg packaging whereas the special color pastes can only be obtained in 20 kg packaging. Please contact us if your are interested in purchasing cost effective in drums.

ELASTOSIL® is a registered trademark of Wacker Chemie AG.

ELASTOSIL® COLOR PASTES PT

Standard Color Pastes

Product Name	Similar to[1] /Suffix	BfR[2]	FDA[3]	China[4]	Merco-sur[5]	USP cl. VI / ISO 10993[6]
ELASTOSIL® COLOR PASTE PT YELLOW	RAL 1016	●	A-H		●	●
ELASTOSIL® COLOR PASTE PT YELLOW	RAL 1021	●	B-H		●	
ELASTOSIL® COLOR PASTE PT YELLOW	RAL 1026 F	●	C-H		●	●
ELASTOSIL® COLOR PASTE PT YELLOW	RAL 1033	●	B-H		●	
ELASTOSIL® COLOR PASTE PT ORANGE	RAL 2004	●				
ELASTOSIL® COLOR PASTE PT ORANGE	RAL 2004 F	●	B-H		●	●
ELASTOSIL® COLOR PASTE PT PURE ORANGE	RAL 2004 F2	●	B-H		●	
ELASTOSIL® COLOR PASTE PT RED	RAL 3000					
ELASTOSIL® COLOR PASTE PT RED	RAL 3000 F	●	C-H		●	●
ELASTOSIL® COLOR PASTE PT RED BROWN	RAL 3013	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT TRAFFIC RED	RAL 3020	●	B-H		●	●
ELASTOSIL® COLOR PASTE PT RASPBERRY RED	RAL 3027	●	A-H	●	●	
ELASTOSIL® COLOR PASTE PT VIOLET	RAL 4001					
ELASTOSIL® COLOR PASTE PT RED VIOLET	RAL 4002	●	A-H		●	●
ELASTOSIL® COLOR PASTE PT ULTRAMARINE BLUE	RAL 5002	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT DARK BLUE	RAL 5010	●	A-H		●	●
ELASTOSIL® COLOR PASTE PT LIGHT BLUE	RAL 5015	●				
ELASTOSIL® COLOR PASTE PT BLUE	RAL 5022	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT HELIOGREEN	RAL 6004	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT GREEN	RAL 6017	●	A-H		●	●
ELASTOSIL® COLOR PASTE PT TRAFFIC GREEN	RAL 6024	●	A-H		●	
ELASTOSIL® COLOR PASTE PT GREEN	RAL 6032 F	●	A-H		●	
ELASTOSIL® COLOR PASTE PT GRAY	RAL 7040	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT LIGHT BROWN	RAL 8003	●				
ELASTOSIL® COLOR PASTE PT DARK BROWN	RAL 8015	●				
ELASTOSIL® COLOR PASTE PT DEEP BLACK	RAL 9005[7]	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT SILVER	RAL 9006	●	A-H			
ELASTOSIL® COLOR PASTE PT WHITE	RAL 9010	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT TRAFFIC WHITE	RAL 9016	●	A-H	●	●	●
ELASTOSIL® COLOR PASTE PT BLACK	RAL 9011 F	●	A-H		●	●
ELASTOSIL® COLOR PASTE PT BLACK	RAL 9017	●	A-H			
ELASTOSIL® COLOR PASTE PT BASIC BLACK	–	●				
ELASTOSIL® COLOR PASTE PT LASER MARKING WHITE	–	●	A-H		●	○
ELASTOSIL® COLOR PASTE PT LASER MARKING BLACK	–	●	E-G		●	○
ELASTOSIL® COLOR PASTE PT LASER MARKING BLACK TRL	–	●	A-H		●	○

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○ Only ISO 10993-5 (Cytotoxicity)

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2) Complies with the requirements of BfR recommendations "XV. Silicones" and „IX. Colorants for Plastics and other Polymers Used in Commodities" (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
3) Complies with the requirements of FDA regulation CFR 21 §177.2600 „Rubber Articles Intended for Repeated Use". Use condition see table 2 in 21 CFR§176.170 (c). Further limits, e.g. with respect to maximum allowed dosage may occur (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
4) Complies with the requirements of Standard GB 9685-2016 (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
5) Complies with the requirements under GMC Nº 15/2010 (for details see the actual issue of our Product Compliance Sheet or the separate Food Contact Statement of the respective ELASTOSIL® COLOR PASTE).
6) USP<88> class VI and selected tests according to ISO 10993. For statements regarding the biocompatibility of our ELASTOSIL® COLOR PASTES FL and PT, please contact our technical service department.
7) Not suitable for use with curing agent E and E2.

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COLOR COMPOUNDING WITH READY-TO-USE MASTERBATCHES

ELASTOSIL® COLOR PASTES from WACKER are ready-to-use masterbatches comprising specific pigments and reactive silicone polymers that are commonly used to produce ELASTOSIL® silicone rubber.

This ensures homogeneous covulcanization of the color paste and the elastomer without significant impairment of the physical properties (e.g. hardness) and without the migration that can be seen in color-paste systems based on silicone fluid.

In addition, our ELASTOSIL® COLOR PASTES FL are based on the same low-volatile polymers as our ELASTOSIL® LR grades produced in Burghausen. This ensures the finished rubber goods have a low volatile content with good results in migration testing (e.g. Tenax® testing) – in many cases even without post-cure.

Note

RAL numbers given are intended as a guide, the color shades are only similar to RAL xxx and may differ from the exact RAL color. For some color pastes, various versions are available, e.g. “F” versions having broader approvals. Please be aware that, despite having the same RAL number, color shades may differ.
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