

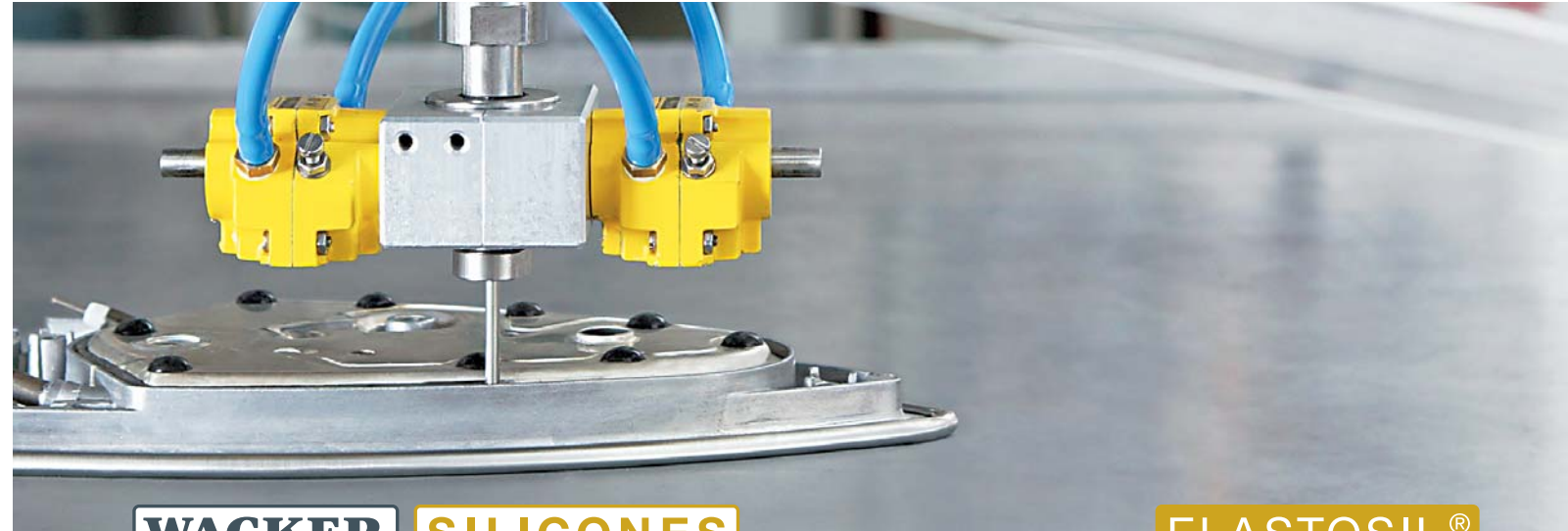
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WACKER **SILICONES**

ELASTOSIL®

OVERVIEW OF ELASTOSIL® GRADES SILICONE RUBBER FOR THE APPLIANCE INDUSTRY

CREATING TOMORROW'S SOLUTIONS

EVERYTHING THE APPLIANCE INDUSTRY NEEDS

Application	Brief description	Color	Viscosity [mPa s]
Condensation-curing RTV-1 silicone rubbers			
ELASTOSIL® A234	Sealing steam irons	Releases amine, heat resistant, medium vulcanizate hardness: Shore A = 36, standard product, UL 94 HB listed	White 35,000
ELASTOSIL® E4	General-purpose adhesive and sealant	Releases acetic acid, heat resistant, low vulcanizate hardness: Shore A = 16, standard product	Transparent Non-sag
ELASTOSIL® E10	Sealing tubular heaters	Releases acetic acid, medium vulcanizate hardness: Shore A = 25, very low viscosity, standard product	Red 10,000
ELASTOSIL® E43	General-purpose adhesive and sealant	Releases acetic acid, medium vulcanizate hardness: Shore A = 30, very good mechanical properties, standard product	Transparent 350,000
		Black	
		White	
ELASTOSIL® E60	Coating baking trays	Releases acetic acid, medium vulcanizate hardness: Shore A = 30, standard product, BfR ¹ compliant	Red 70,000
ELASTOSIL® N2198	Bonding cooktops	Odorless cure – releases alcohol, medium vulcanizate hardness: Shore A = 45, standard product	Black Non-sag
ELASTOSIL® N9132	General-purpose adhesive and sealant	Odorless cure – releases alcohol, medium vulcanizate hardness: Shore A = 30, heat resistant up to 150 °C, standard product, UL 94 VO listed	Gray Non-sag
		White	
Condensation-curing RTV-2 silicone rubbers			
ELASTOSIL® RT 771	Sealing housings	Cures with T-Series Catalyst T 77, good adhesion without primer, medium vulcanizate hardness: Shore A = 45, processing only with suitable metering equipment, availability on request	Black 150,000
ELASTOSIL® RT 772	Sealing steam irons	Cures with T-Series Catalyst T 77, good adhesion without primer, medium vulcanizate hardness: Shore A = 35, heat resistant, processing only with suitable metering equipment, availability on request, UL 94 VO listed	Black 18,000
ELASTOSIL® RT 778	Bonding applications in cooker production	Cures with T-Series Catalyst T 78, good adhesion without primer, medium vulcanizate hardness: Shore A = 50, heat resistant, tack-free after 15 minutes, processing only with suitable metering equipment, availability on request	Black Non-sag
Addition-curing RTV-2 silicone rubbers			
ELASTOSIL® RT 601	General-purpose potting compound, manufacture of solar panels	Water-white vulcanizate, refractive index $n_D^{25} = 1.409$, medium vulcanizate hardness Shore A = 45, no self-adhesion, cure time: 24 h at 23 °C, standard product	Transparent 3,500
ELASTOSIL® SilGel 612	General-purpose potting compound, manufacture of solar panels	Water-white vulcanizate, refractive index $n_D^{25} = 1.404$, very low hardness (silicone gel), pronounced inherent tack, cure time: 8 h at 23 °C, standard product	Transparent 1,000
ELASTOSIL® SC 870	General-purpose silicone foam	High compressibility, low vulcanizate hardness: Shore A = 12, low compression set, thixotropic, processing only with suitable metering equipment, availability on request	Gray Non-sag
Addition and heat-curing, 1-part silicone rubbers			
ELASTOSIL® RT 702	Bonding applications in cooker manufacture	Good adhesion without primer, medium vulcanizate hardness: Shore A = 45, heat resistant, availability on request	Black Non-sag
ELASTOSIL® RT 705	Sealing steam irons	Good adhesion without primer, medium vulcanizate hardness: Shore A = 45, heat resistant, suitable for screen printing, availability on request, UL 94 HB listed	Black 100,000 (D=0.5 s ⁻¹) 13,000 (D=25 s ⁻¹)
ELASTOSIL® RT 706	Sealing steam irons	Good adhesion without primer, medium vulcanizate hardness: Shore A = 35, heat resistant, availability on request, UL 94 HB listed	Red 45,000 (D=0.5 s ⁻¹) 15,000 (D=25 s ⁻¹)
ELASTOSIL® RT 707	Sealing steam irons	Good adhesion without primer, medium vulcanizate hardness: Shore A = 40, heat resistant, availability on request, UL 94 HB listed	White 40,000 (D=0.5 s ⁻¹) 10,000 (D=25 s ⁻¹)
ELASTOSIL® RT 713	Applying compressible seals	Compressible, low vulcanizate hardness: Shore A = 22, heat resistant up to 150 °C, availability on request	Gray Non-sag
Self-adhesive liquid silicone rubbers			
ELASTOSIL® LR 3070	Manufacture of multicomponent molded articles	For multicomponent injection molding, good adhesion without primer, medium vulcanizate hardness: Shore A = 40, and 50, availability on request	Transparent 400,000 (D=10 s ⁻¹)
ELASTOSIL® LR 3071	Manufacture of multicomponent molded articles	For multicomponent injection molding, captive without primer, medium vulcanizate hardness: Shore A = 40, BfR ¹ and FDA compliant after annealing, availability on request	Transparent 400,000 (D=10 s ⁻¹)