

Complete overview of our most common flexible silicone rubbers

	Colour Farbe Kleur	Mix ratio Mischungsverhältnis Mengverhouding	Pour Time Verarbeitungszeit Verwerkingstijd	Demold Time Entformen Ontvormtijd	Viscosity Viskosität Viscositeit cP	Hardness Härte Hardheid Shore A	Density Dichte Dichtheid g/cc	Elongation Verlängerung Rek %	Tear strength Reißfestigkeit Breukbelasting N/mm ²	Tensile strength Zerreißfestigkeit Treksterkte N/mm ² (psi)
Eurosil Serie	Addition (A) (platinum cured) siliconen, easy to proces, no shrinkage,									
Eurosil 4 Pink	Pink	1A:1B	10-13 min.	1,5 hr	1800	4 ± 2	1.04	650	4.5 ± 0.3	1.2 (870)
Eurosil 8 Transparent	Transparent	1A:1B	15-18 min.	2 hr	1200	8 ± 2	1.04	350	5	1.6 (230)
Eurosil 10 Orange	Orange	1A:1B	13-16 min.	1,5-2 hr	4500	13 ± 2	1.08	350	14 ± 0.3	6 (870)
Eurosil 13 Transparent	Transparent	1A:1B	40-50 min.	2,5-3 hr	4500	13 ± 2	1.07	500	12 ± 0.2	3 (440)
Eurosil 22 Blue	Blue	1A:1B	14-17 min.	1 hr	4500	21 ± 2	1.13	480	20 ± 0.2	4.5 (650)
Eurosil 28 Green	Green	1A:1B	10-12 min.	1 hr	4000	28 ± 2	1.16	470	9 ± 0,6	4.5 (650)
Eurosil 33 Transparent	Transparent	1A:1B	20-22 min.	3 hr	7500	33 ± 2	1.09	460	2	6 (870)
Eurosil 35 Fast	Light green	1A:1B	7 min.	40 min.	4.000	35	1.17	310	8	4.2 (610)
Eurosil 42 Gray	Gray	1A:1B	25 min.	8 hr.	25.000	42 ± 2	1.11	350	16	6.5 (940) (940)
Eurosil 45 Transparent	Transparent	1A:1B	10-12 min.	1-1,5 hr	8000	43 ± 3	1.11	250	15	5 (730)
Eurosil 50 Blue	Blue	1A:1B	15-20 min.	3 hr	≈ 18.000	50 ± 3	1.22	200	5.5	4.5 (650)
Eurosil 60 Blue	Blue	10A:1B	60 min.	24 hr	230.000	60	1.24	200	10	5(730)
SG C-siliconen	Condensatie siliconen									
SG C-Sil 10*	White	100A:5B	90 min. / 20-60 min (fast cure)	24 uur / 6-24 hr (fast cure)	33.000 cP	14	1.18	530	18 N/mm ²	2.8 N/mm ²
SG C-sil 20	White	100A:5B	90 min. / 20-60 min (fast cure)	24 uur / 6-24 hr (fast cure)	25.000 cP	21	1.19	350	18 N/mm ²	2.5 N/mm ²
SG C-sil 30 *	White	100A:5B	90 min. / 20-60 min (fast cure)	24 uur / 6-24 hr (fast cure)	30.000 cP	30 ± 2	1.20	280	18 N/mm ²	3.5 N/mm ²
Siliconen gels	Siliconen gels									
PlatSil* Gel-OO20	Milky White	1A:1B	40 min.	2 hr.	3.900 cP	Shore 00-20	1.05	964	24.8 pli	122 psi
PlatSil* Gel-OO30	Milky White	1A:1B	45 min.	4 hr.	6.200 cP	Shore 00-30	1.05	848	36.6 pli	118 psi
Platsil Gel 00*	Milky White	1A:1B	6 min.	30 min.	22.000 cP	Shore 00-30	1.1	1275	56 pli	154 psi
Platsil Gel 10	Milky White	1A:1B	6 min.	30 min.	15.000 cP	Shore A 10	1.1	970	80 pli	228 psi
Platsil Gel 25*	Milky White	1A:1B	5 min.	1 uur	3.500 cP	Shore A 25	1.1	385	146 pli	434 psi
Eurosil Soft	Translucent	1A:1B	6min.	1 hr.	1500 cP	Shore 0040	1.03	400	1.07 N/mm ²	1.10 N/mm ²
Eurosil Extra Soft (gel)	Translucent	1A:1B	10 min.	1,15 min	1000 cP	gel	1.01	-	-	-
Siliconen additieven en accessoires										
Pol Ease 2500	Release agent based on silicone oil. Used for silicone (silicone on silicone), epoxy, polyester, polyurethane, steel en aluminium. Easy to clean and can be paint after. Aerosol (400ml).									
Silicone thickener	Silicone thickener A (addition) and Silicone thickener C (condensation) to thicken silicone to make brush-on molds. Can be change shore A hardness.									
Tinthix	Silicone thickener A (addition) Platsil silicone and platsil gels. To thicken silicone to make brush-on molds. Can be change shore A hardness.									
Siliconen softener / oil	Silicone oil softener makes silicone soften and lower viscosity. Change the hardnes of silicone.									

*On request available.

Set packaging mix ratio 1A:1B products are 2 kg, 10 kg, 36 kg, 50 kg, 400kg

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