

Polytek® Platinum-Cured Silicone Rubbers

Series	Product	Mix Ratio	Shore Hardness	Pour Time	Demold Time @ 73°F	Cured Color	Mixed Viscosity (cP)	Specific Volume (in ³ /lb)	Specific Gravity	Elongation (%)	Tensile Strength (psi)	Die B Tear Strength (pli)	Die T Tear Strength (pli)
PLATSIL® 71 and 73-SERIES (standard mold making and casting silicones)	PlatSil® 71-11	1A:1B by weight	A10	20 min.	4 hr.	Blue-Green	6,000	24.7	1.12	751	281	117	36
	PlatSil® 73-15	1A:1B by weight	A15	20 min.	4-5 hr.	White Translucent	2,500	25	1.10	640	265	55	17
	PlatSil® 73-20	1A:1B by weight	A22	5 min.	1 hr.	Blue Translucent	3,000	25	1.10	460	230	45	17
	PlatSil® 71-25	1A:1B by weight	A25	35 min.	16 hr.	Milky White	3,500	25	1.1	343	418	137	32.8
	PlatSil® 73-25	1A:1B by weight	A25	15 min.	4-5 hr.	Green	6,000	24.3	1.14	405	380	120	30
	PlatSil® 73-29	1A:10B by weight	A30	45 min.	16 hr.	White	15,000	25	1.10	531	542	90	39
	PlatSil® 71-40	1A:10B by weight	A40	90 min.	24 hr.	Translucent	38,000	26.6	1.04	296	438	98.6	32.9
	PlatSil® 73-40	1A:10B by weight	A40	45 min.	16 hr.	Yellow	15,000	25	1.10	355	465	52	7
	PlatSil® 73-45	1A:10B by weight	A45	40 min.	16 hr.	Green	35,000	21.3	1.30	707	631	145	62.9
	PlatSil® 73-60	1A:10B by weight	A60	45 min.	16 hr.	Blue	40,000	21.3	1.30	202	537	113	45
PLATSIL® FS-SERIES (fast setting)	PlatSil® FS-00	1A:1B by weight or vol.	OO52	8 min.	30 min.	Milky White	5,000	24.9	1.1	1300	400	120	Nil
	PlatSil® FS-00 Slow	1A:1B by weight or vol.	OO52	20 min.	60 min.	Milky Translucent	5,000	24.9	1.1	1300	400	120	Nil
	PlatSil® FS-10	1A:1B by weight or vol.	OO60	8 min.	25 min.	Milky White	4,200	24.9	1.11	679	488	157.9	54.8
	PlatSil® FS-20	1A:1B by weight or vol.	OO66	8 min.	25 min.	Milky White	3,800	24.9	1.11	626	467	148.2	52.8
	PlatSil® FS-21 X	1A:10B by weight or vol.	A20	2-3 min.	15 min.	Milky White	3,800	24.9	1.11	626	467	148.2	52.8
PLATSIL® HTS-SERIES (high tear & tensile strength)	PlatSil® HTS-25	1A:10B by weight	A25	70 min.	24 hr.	Milky White	15,500	24.9	1.11	>2,000	>645	179.0	67
	PlatSil® HTS-40	1A:10B by weight	A40	30 min.	24 hr.	Milky White	17,000	24.9	1.11	831	686	131.3	56.2
PLATSIL® GEL SERIES	PlatSil® Gel-OO20	1A:1B by weight or vol.	OO20	40 min.	2 hr.	Milky White	3,900	26	1.05	964	122	24.8	1.3
	PlatSil® Gel-OO30	1A:1B by weight or vol.	OO30	45 min.	4 hr.	Milky White	6,200	26	1.05	848	118	36.6	10.7
	PlatSil® Gel-OO	1A:1B by weight or vol.	OO30	6 min.	30 min.	Milky White	22,000	25	1.1	1,275	154	56	19
	PlatSil® Gel-OO D	1A:1B by weight or vol.	OO40	8 min.	30 min.	Milky White	9,000	25	1.1	925	165	45	7
	PlatSil® Gel-10	1A:1B by weight or vol.	A10	6 min.	30 min.	Milky White	15,000	25	1.1	970	228	80	27
	PlatSil® Gel-10 D	1A:1B by weight or vol.	A10	8 min.	30 min.	Milky White	10,000	25	1.1	800	300	90	30
	PlatSil® Gel-25	1A:1B by weight or vol.	A25	5 min.	60 min.	Milky White	3,500	25	1.1	385	434	146	28
SPECIALTY	ClearSil® 40	1A:1B by weight or vol.	A38	60 min.	6 hr.	Transparent	20,000	25	1.1	570	640	72	NDA
	PlatSil® SiliGlass	1A:1B by weight	A40	7 min.	30 min.	Clear	200	28	0.97	N/A	N/A	N/A	N/A

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N/A = Not Applicable
NDA = No Data Available