

MB Fibre Glass

Silicone Comparison Chart



	Product	Material Type	Mix Ratio (Weight)	Mix Ratio (Volume)	Shore Hardness	Mixed Viscosity (mpas)	Elongation	Pot Life (23°C)	Demould Time (Temp 23°C)	Linear Shrinkage	Specific Gravity	Tear Strength (Die B)	Tensile Strength	Cured Colour	
Condensation Cure (Tin Cure)	Polycraft GP-3481-F - Red Fast Cat	Condensation	10:1	-	A27	18000	520%	45 min	12-24 hours	0.40%	1.21	23 kN/m	3 MPa	Pink	
	Polycraft GP-3481-F - Clear Fast Cat	Condensation	10:1	-	A27	18000	520%	45 min	12-24 hours	0.40%	1.21	23 kN/m	3 MPa	White	
	Polycraft GP-3481-F - Green V Fast Cat	Condensation	10:1	-	A27	18000	520%	20 min	6-8 hours	0.40%	1.21	23 kN/m	3 MPa	Pale Green	
	Polycraft HT-3120	Condensation	10:1	-	A60	28000	170%	8 min	25 minutes	ND	1.14	7 kN/m	2.7 MPa*	Brown	
Addition Cure (Platinum Cure)	Zhermack ZA13	Addition	1:1	-	A13	4500	450%	45 Min	6.5 hours	0.05%	ND	10 kN/m	3 MPa	Milky White	
	Polycraft T15	Addition	1:1	-	A15	2500	640%	20 Min	4.5 hours	Nil	1.1	9.6 kN/m*	1.8 MPa	Translucent	
	Polycraft T20	Addition	1:1	-	A20	7000	500%	3 Min	35 minutes	ND	1.07	15 kN/m	5 MPa	Milky White	
	Polytek Platsil FS20	Addition	1:1	1:1	A20	3800	626%	8 Min	25 minutes	Nil	1.11	26 kN/m	3.2 MPa	Milky White	
	Zhermack ZA22 mould	Addition	1:1	-	A2	4000	380%	15 Min	60 minutes	-0.05%	1.15	>20N/mm	ND	Blue	
	Polycraft S-30	Addition	10:1	-	A30	ND	800%	60 Min	24 hours	Nd	1.12	22 kN/m	ND	Pink	
	Polycraft K4	Addition	1:1	-	A40	40000	380%	90 Min	8.5 hours	ND	1.08	25 kN/m	6 MPa	Translucent	
	Polycraft Silastic T4	Addition	10:1	-	A40	35000	400%	90 Min	12 hours	<0.1%	1.1	26 kN/m**	6.7 MPa	Translucent	
	Polycraft FS30 Food Safe	Addition	10:1	-	A30	ND	600%	60 min	16 hours	0.10%	1.1	20 kN/m	7.5 MPa	White	
	Polycraft Food Safe	Addition	10:1	-	A59	90000	250%	60 min	24 hours	<0.1%	1.29	16 kN/m	4.5 MPa	Blue	
	Skin Safe / SFX	Polytek Platsil Gel 00	Addition	1:1	1:1	OO30	22000	ND	6 Min	30 minutes	Nil	1.1	ND	ND	Milky White
		Polytek Platsil Gel 10	Addition	1:1	1:1	A10	15000	ND	6 Min	30 minutes	Nil	1.1	ND	ND	Milky White
Polycraft Silskin 10		Addition	1:1	-	A13	3500	350%	15 min	1 hour	0.05%	ND	15 kN/m	1.5 MPa	Translucent	
Zhermack ZA22 Thixo Body		Addition	1:1	-	A22	Paste	ND	6 Min	17 minutes	ND	ND	ND	ND	Pink	
Go-Cast Skin Safe		Addition	1:1	-	A38	Paste	ND	5 Min	15 minutes	<0.1%	ND	ND	ND	Pink	
Sculpt Gel Clear		Addition	1:1	1:1	ND	Paste	ND	4.5 Min	15 minutes	ND	ND	ND	ND	Translucent	
Sculpt Gel Flesh		Addition	1:1	1:1	ND	Paste	ND	4.5 Min	15 minutes	ND	ND	ND	ND	Flesh Colour	
Speciality	PS Skin Sculpt Clear	Addition	1:1	1:1	ND	Paste	ND	4.5 Min	15 minutes	ND	ND	ND	ND	Translucent	
	Polytek Platsil Siliglass	Addition	1:1	-	A40	200	ND	5 min	0.5 / 1 hour	ND	0.97	ND	ND	Colourless	
	Polycraft Silicone Putty	Addition	1:1	-	A40	Putty	150	2.5 min	10 minutes	-	1.45	7kn/m	ND	Pale Violet	

ND = Not determined

mPa* = unit conversion from psi

kn/m* = Unit conversion from pli

kn/m** = Unit conversion from ppi