

SPECIALTY SILICONES *Neutral, Non-Corrosive – High Temp. – Low Volatiles – Highest Strength - Plastics*

Product	TSE3940	TSE3941	TSE322	TSE322B	TSE326	FRV1106
Color	Gray	White	Light Blue	Black	Red	Red
Useful Temp. Range °C (°F)	-55 to 200 (-67 to 392)	-55 to 200 (-67 to 392)	Cure Time 100°C (212°F) 3 hrs 125°C (256°F) 45 min 150°C (302°F) 30 min	Cure Time 100°C (212°F) 3 hrs 125°C (256°F) 45 min 150°C (302°F) 30 min	Cure Time 100°C (212°F) 2 hrs 125°C (256°F) 90 min 150°C (302°F) 1 hr	-60 to 205 (-75 to 400)
Specific Gravity	1.49	1.65	1.28	1.28	1.45	1.58
Hardness Shore A	40	60	45	45	43	42
Tensile Strength MPa (psi)	3.0 (427)	3.0 (427)	2.93 (425)	2.93 (425)	3.43 (498)	3.33 (500)
Elongation %	200	100	200	200	170	230
Tack Free Time (min)	5	5	—	—	—	20
Dielectric Strength kV/mm (V/mil)	21 (530)	22 (560)	19.5 (500)	19.5 (500)	22 (558)	13.7 (351)
Dielectric Constant	4.5 @ 60 Hz	4.0 @ 60 Hz	3.1 @ 60 Hz	3.1 @ 60 Hz	3.3 @ 60 Hz	6.3 @ 1,000 Hz

SPECIALTY SILICONES *Neutral, Non-Corrosive – High Temp. – Low Volatiles – Highest Strength – Plastics*

Product	RTV1473	RTV106	RTV116	RTV133	RTV142	RTV157	RTV159
Color	Black	Red	Red	Black	White	Gray	Red
Useful Temp. Range °C (°F)	-60 to 204 (-75 to 400)	-60 to 260 (-75 to 500)	-60 to 260 (-75 to 500)	-60 to 205 (-75 to 400)	-60 to 204 (-75 to 400)	-60 to 204 (-75 to 400)	-60 to 260 (-75 to 500)
Specific Gravity	1.06	1.07	1.09	1.23	1.09	1.09	1.09
Hardness Shore A	30	30	28	46	34	28	20
Tensile Strength MPa (psi)	3.14 (450)	2.55 (375)	2.45 (350)	4.51 (650)	3.78 (550)	6.21 (975)	7.07 (1025)
Elongation %	500	400	350	250	400	825	350
Tack Free Time (min)	25	20	30	4 hrs	4 hrs	45	45
Dielectric Strength kV/mm (V/mil)	—	19.7 (500)	19.7 (500)	19.7 (500)	19.7 (500)	20.7 (525)	15.7 (400)
Dielectric Constant	—	2.8 @ 60 Hz	2.6 @ 60 Hz	2.8 @ 60 Hz	2.8 @ 60 Hz	2.9 @ 60 Hz	2.8 @ 60 Hz

SPECIALTY SILICONES (cont.)

Product	RTV5812	RTV5813	RTV5818
Color	White	Black	Translucent
Useful Temp. Range °C (°F)	-60 to 205 (-75 to 400)	-60 to 205 (-75 to 400)	-60 to 205 (-75 to 400)
Specific Gravity	1.04	1.04	1.04
Hardness Shore A	21	21	21
Tensile Strength MPa (psi)	1.86 (275)	1.86 (275)	1.86 (275)
Elongation %	500	500	500
Tack Free Time (min)	15	15	15
Dielectric Strength kV/mm (V/mil)	16.8 (426)	16.8 (426)	16.8 (426)
Dielectric Constant	2.8 @ 100 Hz	2.8 @ 100 Hz	2.8 @ 100 Hz