

ELECTRONICS *Room Temperature Cure, Non-Corrosive*

Product	TSE392	TSE397	TSE399	TSE3940	TSE3941	RTV160	RTV162	RTV167
Color	Translucent	Translucent	Translucent	Gray	White	White	White	Gray
Useful Temp. Range °C (°F)	-55 to 200 (-67 to 392)	-55 to 200 (-67 to 392)	-55 to 200 (-67 to 392)	-55 to 200 (-67 to 392)	-55 to 200 (-67 to 392)	-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	1.49	1.65	1.04	1.09	1.12
Hardness Shore A	30	20	30	40	60	25	35	37
Tensile Strength MPa, (psi)	1.6 (228)	1.1 (156)	1.3 (185)	3.0 (426)	3.0 (426)	1.86 (275)	3.73 (550)	5.49 (800)
Elongation %	400	300	140	200	100	230	400	600
Tack Free Time (min)	5	10	10	5	5	4hrs	4hrs	4hrs
Dielectric Strength kV/mm (V/mil)	22 (560)	22 (560)	20 (500)	21 (530)	22 (560)	20 (500)	18 (450)	19.7 (500)
Dielectric Constant	2.9 @ 60 Hz	2.9 @ 60 Hz	2.9 @ 60 Hz	4.5 @ 60 Hz	4 @ 60 Hz	2.8 @ 60 Hz	2.8 @ 60 Hz	2.8 @ 60 Hz

Products	TSE392, TSE397, TSE399	TSE3940, TSE3941	RTV160	RTV162	RTV167
Features, Benefits	Alkoxy neutral cure. Use the TSE390 Series for electronic sealing and coating where a paste, a semi-flowable or flowable product is needed. These products also offer fast tack-free time and aggressive adhesion.	Neutral cure. UL recognized, flame retardant, non-corrosive sealant. These products also offer fast cure, fast tack-free time and aggressive adhesion.	Alkoxy neutral cure. Totally non-corrosive. Use as a thin-section PCB coating. UL recognition.	Alkoxy neutral cure. Totally non-corrosive. Bond capacitors, resistors & integrated circuits to PCBs; seal exposed wires, faying surfaces, connectors. Meets MIL-A-46146B UL recognition	Alkoxy neutral cure. Highest strength electronics adhesive sealant. Use for mechanical or electrical bonding and insulating applications. Meets MIL-A-46146 UL recognition
Key Substrate Adhesion Typical Lap Shear (psi) and/or Peel (ppi)	Most Metals, Plastics	Most Metals	Copper, Brass, Aluminum, Nylon/PPO, PC/PBT Lap (100), Peel (30)	Copper, Brass, Aluminum, Polycarbonate, Polyester (PBT) Lap (150), Peel (40)	Copper, Brass, Aluminum, ABS, Nylon/PPO Lap (200), Peel (60)

ELECTRONICS *Thermal Cure, Non-Corrosive*

Product	TSE322	TSE322B	TSE326	TSE3221	TSE3280	TSE3281	RTV6424
Color	Light Blue	Black	Red	Clear	Dark Gray	Dark Gray	White
Useful Temp. Range °C (°F)	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) 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) 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) 3 hrs 125°C (256°F) 45 min 150°C (302°F) 30 min
Specific Gravity	1.28	1.28	1.45	1.03	2.10	2.70	1.17
Hardness Shore A	45	45	43	28	61	83	30
Tensile Strength MPa, (psi)	2.93 (425)	2.93 (425)	3.43 (498)	2.35 (341)		4.51 (654)	4.65 (675)
Elongation %	200	200	170	290	110	40	550
Dielectric Strength kV/mm (V/mil)	19.7 (500)	19.7 (500)	22 (558)	21 (534)	19.7 (500)	26 (660)	19.7 (500)
Dielectric Constant	3.1 @ 60 Hz	3.1 @ 60 Hz	3.3 @ 60 Hz	2.8 @ 60 Hz	4.5 @ 60 Hz	5.4 @ 60 Hz	2.9 @ 60 Hz

Product	TSE322, TSE322B	TSE326	TSE3221	TSE3280	TSE3281	RTV6424
Key Features, Benefits	Neutral cure. Non-corrosive heat-curing adhesive for electronics sealing; bonding and coating. Use as a thermal barrier for automotive parts; as a fabric seam seal.	Neutral cure. Non-corrosive adhesive sealant for high heat assembly, gasketing and coating applications.	Neutral cure. Non-corrosive sealant for potting, coating and sealing applications requiring visual clarity.	Neutral cure. Non-corrosive sealant with excellent primerless adhesion. Use to dissipate heat in electronic devices.	Neutral cure. Non-corrosive sealant with excellent primerless adhesion. Use to dissipate heat in electronic devices.	Neutral, heat curing adhesive for sealing and bonding. Use as a thermal barrier for automotive parts.
Substrate Adhesion Lap Shear (psi) Peel (ppi)	Aluminum, Steel, Glass, Some Plastics Lap (300)	Aluminum, Steel, Glass, Some Plastics Lap (300)	Aluminum, Steel, Glass, Some Plastics Lap (285)		Aluminum, Steel, Glass, Some Plastics Lap (355)	Aluminum, Steel, Glass, Some Plastics Lap (300)