



UV CURING SYSTEM



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Group	Grade	Substrate	Viscosity	Colour	Hardness	Refractive Index	Shear Strength	Elongation	Application
Glass	PC74100G	Glass	100 cps	Clear	70D	N/A	3450 psi	N/A	Low viscosity, low bubble formation, good flow
	PC712200G	Glass and Metals	2200cps	Clear	75D	1.495	3400 psi	N/A	General industrial bonder
	PC7119KG	Glass, Plastics and Metals	19000 cps	Clear	75D	1.465	3950 psi	N/A	High strength, high viscosity industrial bonder
Plastic	PC71500P	PET,PVC,PUR,PS,PETG,ABS,STEEL	500 cps	Clear	60D	N/A	N/A	68%	Housing assembly and window bonding
	PC716KP	PMMA,PC,PETG,Glass	6000 cps	Clear	55D	N/A	N/A	45%	Display, aerospace, automotive assembly and potting
Optical	PC741200O	Glass and Metals	1200 cps	Clear	75D	1.507	2900 psi	N/A	Bonding of lenses, prisms and fibre optic butt bonding
	PC7111K	Glass and Metals	11000 cps	Clear	75D	1.497	2500 psi	N/A	Bonding of lenses, prisms and fibre optic butt bonding
Windscreen	PC7311W	Glass	10 cps	Clear	75D	1.51	2000 psi	N/A	Wicking grade for hairline cracks
	PC725W	Glass	20 cps	Clear	75D	1.52	2650 psi	N/A	Low viscosity for star and hairline cracks
	PC7342W	Glass	40 cps	Clear	74D	1.52	2800 psi	N/A	Medium viscosity for star cracks and bullseye repair
	PC73900W	Glass	900 cps	Clear	80D	1.505	3400 psi	N/A	High viscosity for pit fill repair
Medical	PC71600M	Plastics and Steel	600 cps	Clear	77D	N/A	N/A	N/A	Needle hub bonder
	PC715KM	PC,PVC,PUR,PS,PETG,ABS	5000 cps	Clear	60D	1.495	4250 psi	42%	Tube set oxygenators and reservoirs
	PC711200M	PC,PVC,PUR,PS,PETG,ABS	1200 cps	Clear	63D	N/A	N/A	23%	Face masks, tube sets and fittings
	PC71150M	PC,PVC,PU,PS,PETG	150 cps	Clear	65D	N/A	N/A	28%	Highly plasticised grade for masks and butterfly sets
Electronics	PC7418KE	Metals, Plastics and Ferrite	18000 cps	Clear	45D	N/A	1000 psi	90%	High viscosity encapsulant glob top application
	PC74700E	Metals, Plastics and Ferrite	700 cps	Clear/Amber	55D	1.495	750 psi	72%	Potting and tamper proofing
	PC74175E	Metals, Ceramic and G.F.E	175 cps	Clear	85D	N/A	500 psi	12%	Tough, fast cure conformal coating
	PC7150KE	Plastics, Glass and Metal	50000 cps	Clear/Amber	52D	1.495	1200 psi	48%	Potting and encapsulation grade