

Med Class VI Selector Guide

Series MCT M6

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RoHS/WEEE, REACH,
and Halogen Free



MCT Product Number	Applications	Viscosity cP	Shore Durometer	24 Hour Water Absorption	Bond To;	Comments
M634-9014	bonding plastics with multiple dissimilar materials	1000-2500	D25-35; A75-85	< 1.0%	plastics, ceramic, glass, stainless steel	UV/Visible cure, flexible, high elongation, tack-free surface
M634-6214	bonding plastics with multiple dissimilar materials	900-1500	D35-50; A85-100	< 1.0%	most plastics, ceramic, glass, stainless steel	UV/Visible cure, clear, tack-free surface, suitable for medical device assembly
M634-6214A	bonding/laminating flexible materials and those with differing CTE values	250-500	A45-65	< 1.0%	wide range of plastics, ceramic, glass, stainless steel	UV/Visible cure, extremely soft, highly flexible, tack-free surface, clear, suitable for medical device assembly
M634-1014	bonding or sealing acrylic displays	50-90	D70-90	3.00%	PMMA, PC, styrene, stainless steel	UV/Visible light curable, hard, tack-free surface, wicking viscosity, moisture resistant
M634-1014 01-18	bonding or sealing acrylic displays	8,000-16,000	D70-90	3.00%	PMMA, PC, styrene, stainless steel	UV/Visible light curable, hard, tack-free surface, high viscosity for gap-filling, moisture resistant
M634-2214	bonding or forming a seal between surfaces	500-900	D25-35; A75-85	< 1.0%	Polyurethane, PVC, other plastics, stainless steel, ceramic	UV/Visible cure, soft, flexible, high elongation, soft, waxy surface
M634-1014-2, 3	needle/syringe assembly	50-150	D70-80	< 3.0%	stainless steel, polycarbonate, PVC, treated polypropylene/HDPE	UV/Visible cure, low intensity curable, clear, moisture resistant, generates highest tensile strength with LED curing equipment, tack-free
M634-0114	bonding/potting rigid plastics	10-150	D80-90	< 1.0%	PC, PVC, polyester, other rigid plastics	UV/Visible cure, secondary thermal cure, low intensity curable, wicking grade viscosity, withstands autoclaving, very hard, clear, suitable for medical device assembly
M634-3014-0-6	bonding/laminating materials with differing CTE values	1K - 6K	D 65-80	< 1.0%	wide range of plastics, ceramic, glass, stainless steel	UV tack-free surface, clear, suitable for epoxy and phenolic bonding as well
M634-5004, 1014, 2014, 0114	bonding PVC and polyethylene components	200-300	D70-79	< 4.0%	PVC, PC, other plastics	UV/Visible cure, best for highly plasticized PVC, tack-free surface, suitable for medical device assembly
M634-752H-1	Polycarbonates, PVC, tinned Cu, SS, Al, epoxy and phenolic	1K	D65	<1%	PVC, metals	Through cure to .125" depth
M634-3014-1-8	Excellent adhesion to substrates such as PVC, steel, brass, aluminum, glass, tinned copper wire, epoxy and phenolic.	1K - 8K	D65	<1%	Needles, assemblies	Thorough cure to 1/8" can be accomplished in less than 30 seconds with a 15 mW/cm2 UV lamp
M634-4214-1-8	adheres to a variety of substrates including metal, ceramic, glass and many plastics	6K - 10K	A 60-70	<0.5%	Suitable for many sealing applications associated with medical product packaging.	UV/Visible light curable material cures to a tack free surface. The extreme softness and high elongation properties make it suitable for many sealing applications associated with medical product packaging.
M634-423-06	a two component low viscosity epoxy resin system for high performance bonding, sealing, coating, as well as small encapsulations, potting and castings	8K MIXED	D75	<1%	All plastics and metals	It has a wide service temperature range of -60°F to + 250°F. It bonds well to a wide variety of substrates including metals, glass, ceramics, wood and many plastics.

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