

Product Data Sheet

USP Class VI Medical Adhesives



Product Number	Suitable Applications	Viscosity cP mPa	Shore Durometer	24 Hour Water Absorbtion	LED cure	Bondable Substrates	Comments/Features
77-5140	catheter/respiratory product assembly/plastics bonding	250-500	A45-65	< 1.0%	yes	wide range of plastics, ceramic, glass, stainless steel	UV/Visible cure, extremely soft, highly flexible, tack-free surface, clear,
77-6162	reservoir assembly	400-800	D25-35	< 1.0%	yes	stainless steel, ceramic, PU	UV/Visible cure, soft, flexible, high elongation
77-7041	needle/syringe assembly	50-150	D70-80	< 3.0%	yes	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
77-6108-T	catheter assembly	4000-6000	D75-85	< 1.0%	yes	stainless steel, glass, some plastics	UV/Visible cure, secondary thermal cure, clear, hard, withstands autoclaving
77-7090-V-HS	catheter/needle assembly/ endoscope repair	10-150	D80-90	< 1.0%	yes	PC, PVC, polyester, other rigid plastics	UV/Visible cure, secondary thermal cure, low intensity curable, wicking grade viscosity, withstands autoclaving, very hard, clear
77-7173-V	respiratory product assembly/ IV tube sets/plastics bonding	200-300	D70-79	< 4.0%	yes	PVC, PC, other plastics	UV/Visible cure, best for highly plasticized PVC, tack-free surface
77-7551-VF	reservoir/ catheter assembly/plastics bonding	1300-2000	D80-90	< 1.0%	yes	PC, PVC, other plastics	UV/Visible cure, low intensity curable, tack-free surface, fluorescing
77-7989-V	reservoir assembly/plastics bonding	3000-5000	D45-55	< 5.0%	yes	PC, ABS, PVC, polyester	UV/Visible cure, clear, moisture resistant, flexible, tack-free
77-40142	catheter assembly	8000-15,000	D75-85	< 1.0%	no	stainless steel, nitinol, PU, PC	UV/Visible cure, clear, hard
77-8400	respiratory products/catheter assembly/ IV tube sets	100-200	D40-50	< 2.0%	no	PE, Mylar, PVC, PC, polyester, other plastics, and stainless	UV cure, very flexible, clear, excellent for strain relief and lamination, high peel strength. UV/Visible cure version available.

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