200 SERIES CTH CATHETER ASSEMBLY ADHESIVES

Product Series	201-CTH	203A-CTH				204-CTH					206-CTH		208-CTH-F	209-CTH	210-CTH	211-CTH-SC	212-CTH-UR-SC	215-CTH-UR-SC
Unique Product Feature	Low Durometer Adhesives for Plastics and Metals	Catheter and Guidewire Adhesives with Secondary Heat-Cure Capability				Adhesives for Nylon, PEBA, and Other Plastics					General Purpose Adhesives		Adhesive for Nylon and PEBA	Multipurpose Adhesive	LED-Curable Adhesive	LED-Curable Adhesive Formulated with See-Cure Technology	LED-Curable Catheter Adhesive Formulated with Patented See-Cure and Ultra-Red™ Technologies	LED-Curable Plastic Bonding Adhesive for Catheter Assembly Formulated with Patented See-Cure and Ultra-Red™ Technologies
Applications																		
Available Grades	201-CTH	201-CTH-T	203-CTH-F-VLV	203A-CTH-F	203A-CTH-F-T	203A-CTH-F-VT	204-CTH-F-VLV	204-CTH-F	204-CTH-F-T	204-CTH-F-VT	204-CTH-GEL-F	206-CTH	206-CTH-T	208-CTH-F	209-CTH	210-CTH	211-CTH-SC	212-CTH-UR-SC	215-CTH-UR-SC
Recommended Substrates	ABS, NiTi, PC, PS, PU	ABS, NiTi, PC, PS, PU	ABS, NiTi, PS, PSU	ABS, NiTi, PS	ABS, NiTi, PS	ABS, NiTi, PS, PSU	PA, PC, PEBA, PET, PU, PVC	PA, PC, PEBA, PET, PU, PVC	PA, PC, PEBA, PET, PVC	PA, PC, PEBA, PET, PVC	PA, PC, PEBA, PET, PVC	ABS, PC, PET, PETG, PS, PVC, SAN	ABS, PC, PET, PETG, PS, PVC, SAN	ABS, PA, PC, PEBA, PET, PS, PU, PVC	ABS, PC, PET, PS	PC, PS, PVC	ABS, PA, PC, PVC, PU	PC, PL, PS, PVC	ABS, Nylon 12, PC, PEBA, PET, PVC
Nominal Viscosity, cP	450	6,500	55	600	3,250	11,000	150	500	6,500	15,500	24,000	150	6,000	225	300	150	450	10,000	12,000
Rheology	Newtonian	Thixotropic	Newtonian	Newtonian	Thixotropic	Thixotropic	Newtonian	Newtonian	Thixotropic	Thixotropic	Thixotropic	Newtonian	Thixotropic	Newtonian	Newtonian	Newtonian	Newtonian	Thixotropic	Thixotropic
Durometer Hardness	D30	D30	D85	D80	D80	D80	D60	D58	D50	D60	D50	D70	D70	D55	D70	D65	D70	D62	D53
Tensile at Break, Mpa [psi]	9 [1,300]	8.3 [1,200]	32 [4,600]	30 [4,300]	26 [3,800]	28 [4,100]	17 [2,400]	17 [2,500]	14 [2,100]	19 [2,700]	12 [1,800]	17.2 [2,500]	17.2 [2,500]	9 [1,300]	17 [2,500]	12 [1,800]	16 [2,300]	18 [2,600]	15.1 [2,200]
Elongation at Break, %	270	280	7	13	2.6	8	150	200	230	240	170	90	90	250	120	18	140	185	360
Modulus of Elasticity	17 [2,400]	18 [2,700]	640 [93,000]	640 [93,000]	630 [92,000]	550 [80,000]	350 [51,000]	110 [16,000]	34 [5,000]	76 [11,000]	83 [12,000]	308 [44,800]	308 [44,800]	69 [10,000]	300 [44,000]	96 [14,000]	320 [46,000]	116 [17,000]	165 [24,000]
Fluorescing*	No	No	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	No	No	Ultra-Red™	Ultra-Red™
Substrate Bonding Guide																			
ABS acrylonitrile-butadiene-styrene	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAP cellulose acetate propionate																✓	✓	✓	
NiTi nitinol	✓	✓	✓	✓	✓	✓								•	✓		•		
PA polyamide (nylon 6/6)	•	•	✓	✓	✓	•	✓	✓	✓	✓	✓	✓	✓	✓	•	•	✓		
PA polyamide (nylon 12)							•	•	•	•	•			•					✓
PC polycarbonate	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PEBA polyether block amide	•	•	✓	✓	✓	✓	•	•	•	•	•	•	•	•	•				✓
PEI polyetherimide	✓	✓	✓	✓	•	•						✓	✓						✓
PET poly(ethylene terephthalate)	•	•					•	•	✓	✓	✓	✓	✓	✓	✓				•
PETG poly(ethylene terephthalate) glycol	•	•										✓	✓						•
PI polyimide	✓	✓					•	✓	•	•	•	•	•	•	•				•
PL platinum																		✓	
PPO poly(phenylene oxide)	•	•										✓	✓						•
PS polystyrene	✓	✓	✓	✓	✓	✓	✓	✓	•	•	✓	✓	✓	✓	✓	✓		✓	•
PSU polysulfone	•	•	✓	•	•	✓						•	•						✓
PU polyurethane	•	•	✓	✓	✓	•	✓	✓	•	•	•	•	•	✓	•			•	✓
PVC poly (vinyl chloride)	✓	✓					✓	✓	✓	✓	✓	✓	✓	✓	•	✓	✓	✓	✓
SAN styrene-acrylonitrile	•	•	✓	✓	✓	•						✓	✓			✓	✓		•
SIL silicone	Please contact Dymax Application Engineering for assistance.																		

• U.S. Patents 6,080,450 & 7,892,386 ✓ Recommended adhesive • Limited applications **T** - Thick **VT** - Very Thick **VLV** - Very Low Viscosity **GEL** - Gel **SC** - See-Cure (Patented Color-Change Technology) **UR** - Ultra-Red™ (Patented Fluorescing Technology)
Individual Product Data Sheets (PDS) list complete test data, with copies of test reports available upon request.