

200 SERIES CTH CATHETER

Product Series	201-CTH		203A-CTH					
Unique Product Feature	Low Durometer Adhesives for Plastics and Metals		Catheter and Guidewire Adhesives with Secondary Heat-Cure Capability				Adhesives for	
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
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
Nominal Viscosity, cP	450	6,500	55	600	3,250	11,000	150	500
Rheology	Newtonian	Thixotropic	Newtonian	Newtonian	Thixotropic	Thixotropic	Newtonian	Newtonian
Durometer Hardness	D30	D30	D85	D80	D80	D80	D60	D58
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]
Elongation at Break, %	270	280	7	13	2.6	8	150	200
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]
Fluorescing*	No	No	Blue	Blue	Blue	Blue	Blue	Blue
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	✓	✓					•	✓
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. Patent 6,080,450 ✓ Recommended adhesive • Limited applications T - Thick VT - Very Thick VLV - Very Low Viscosity GEL - Gel

ASSEMBLY ADHESIVES

204-CTH			206-CTH		208-CTH-F	209-CTH	210-CTH	211-CTH-SC
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
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
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
6,500	15,500	24,000	150	6,000	225	300	150	450
Thixotropic	Thixotropic	Thixotropic	Newtonian	Thixotropic	Newtonian	Newtonian	Newtonian	Newtonian
D50	D60	D50	D70	D70	D55	D70	D65	D70
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]
230	240	170	90	90	250	120	18	140
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]
Blue	Blue	Blue	Blue	Blue	Blue	Blue	No	No
✓	✓	✓	✓	✓	✓	✓	✓	✓
							✓	✓
					•	✓		•
✓	✓	✓	✓	✓	✓	•	•	✓
•	•	•			•			
✓	✓	✓	✓	✓	✓	✓	✓	✓
•	•	•	•	•	•	•		
			✓	✓				
✓	✓	✓	✓	✓	✓	✓		
			✓	✓				
•	•	•	•	•	•	•		
•	•	✓	✓	✓	✓	✓	✓	
			•	•				
•	•	•	•	•	✓	•		
✓	✓	✓	✓	✓	✓	•	✓	✓
			✓	✓			✓	✓