

Dinol

Automotive Glass Installation Products and Adhesive Systems

SUMMARY OF DINITROL POLYURETHANE SELECTION AS OF 2003

	D-410	D-500	D-500SA	D-501HV	D-501 HVHM	D-503 MF	D-506	D-9000
Description	Gasket/ Molding Urethane	Quick Cure Urethane	Quick Cure Urethane	Super Quick Cure Urethane	Super Quick Cure Urethane	Megafix Urethane	High Tack Urethane	High Modulus Nonconductive Urethane
Viscosity	Low	Medium	Medium-High	High	High	High	High	High
Tensile Strength PSI	220	1300	1200	1400	1500	>1500	1740	1000
Shear Modulus @ 10% deformation MPa		1.1	>1	1.1	2.5	3.2	2.1	2.5
Elongation break %	450	600	350	700	300	400	500	290
Hardness Shore A	45	50	64	52	67	70	72 ± 5	72
Resistivity Ω cm	-	1X10 ⁴	1X10 ⁷	1X10 ⁴	1X10 ⁶	1X10 ⁴	1X10 ⁶	>1X10 ⁸
Lap Shear PSI (RT) 100 mm/min 1 h	-	10	17	23	50	70	-	-
3 h RT	60	100	110	120	260	200	145	130
7 h RT	115	870	440	500	750	700	-	-
24 h RT	260	910	880	1000	1300	1200	700	1070
Drive Away Time @ 73° F, 50%RH w/o passenger- airbag	-	2 h	2 h	1.5 h	1 h	1 h	1 h	45 min
With Double Airbags	-	6 h	6 h	3 h	2.5 h	2 h	1.5 h	1 h