

MARYLAND METRICS
P.O.Box 261 Owings Mills, MD 21117 USA
(410)358-3130 (800)638-1830 Faxes: (410)358-3142 (800)872-9329
<http://mdmetric.com> techinfo@mdmetric.com
TECHNICAL INFORMATION and DATA

Product Summary omniFIT®

We offer this only as a process applied to our fastener products, not as a separate item.

Product	Colour code	Strength category	Curing properties	Viscosity [mPa·s]	Gap suited (maximum) [mm]	Shear [N/mm ²] (MPa)	Torques M _{LB} /M _A	M _{LB} [MN]	M _{LB} max	Functional strength [h]	Final curing time after [h]	Temperature range for application
15 M	yellow	very low strength	rapid hardening	700	0-0,15 (0,25)	4,5	0,9-1,0	5	< M _{LB}	< 3	8	-60 °C to + 80 °C
50 M	blue	low strength	rapid hardening	700	0-0,15 (0,25)	11,0	1,0-1,1	12	< M _{LB}	< 3	6	-60 °C to + 150 °C
100 M	red	medium strength	rapid hardening	700	0-0,15 (0,25)	20,0	1,1-1,3	17	< M _{LB}	< 3	6	
150 M	green	high strength	normal hardening	1100	0-0,02 (0,3)	31,0	> 1,3	28	> M _{LB}	< 6	24	
200 LL	green	high strength	rapid hardening	30	∅ press fits 0-0,05 (0,1)	30,0	> 1,3	10	> M _{LB}	< 3	6	
200 M				700	0-0,15 (0,25)	34,0		28	> M _{LB}	< 3	6	
230 L	violet	high strength and temperature resistant	rapid hardening	150	∅ press fits 0-0,05 (0,1)	36,0	> 1,3	43	⊥ M _{LB}	< 3	8	-60 °C to + 200 °C
230 M				700	0-0,15 (0,25)	40,0		47	⊥ M _{LB}	< 3	8	
220 M	violet	very high strength and temperature resistant	rapid hardening	400	0-0,1 (0,2)	28,0	> 1,3	32	⊥ M _{LB}	< 3	8	-60 °C to + 220 °C
222 M				700	0-0,15 (0,25)	30,0		35	⊥ M _{LB}	< 3	8	
FD 10	green	low strength	normal hardening	thixotropic	0,05-0,25 (0,4)	7,0	> 1,1	8	< M _{LB}	< 6	24	-60 °C to + 180 °C
FD 20	violet	high strength	rapid hardening	thixotropic		20,0	> 1,3	20	< M _{LB}	< 1	6	
FD 30	orange	low strength	rapid hardening	thixotropic		12,0	> 1,1	10	< M _{LB}	< 2	6	
seal 50 H	blue	medium strength	rapid hardening	thixotropic	0,05-0,25 (0,4)	20,0	1,1-1,3	20	⊥ M _{LB}	< 3	8	-60 °C to + 150 °C
seal 54 H	white	medium strength	slow hardening	thixotropic		20,0	1,1-1,3	22	⊥ M _{LB}	< 12	72	
seal 58 H	blue	high strength	very rapid hardening	thixotropic		30,0	> 1,3	35	⊥ M _{LB}	< 1	6	