

Cyberbond Anaerobic Adhesives and Sealants



Application	Product	Strength Class	Colour	Viscosity mPa*s	Setting Time min	Shear Strength N/mm ²	Breakloose Torque M _{LB} in Nm	Prevailing Torque > / < M _{LB}	Gap Filling max. Thread	Capacity gap mm	Temperature Range °C	Comment	Product	
T - Threadlocking	Nuts and Bolts	TM 11	low	violet	250 - 400 tx	30 - 60	4 - 8	4 - 12	> M _{LB}	M 12	0,04 - 0,13	- 50 / + 150	easy to dismantle screwlock; for precision screws	TM 11
		TM 44	middle	blue	600 - 1,200 tx	15 - 30	10 - 16	10 - 20	< M _{LB}	M 20	0,06 - 0,18	- 50 / + 150	general purpose nutloc; releasable with ordinary tools	TM 44
		TH 62	high	red	1,000 - 2,000 tx	20 - 40	18 - 30	17 - 28	> M _{LB}	R 3"	0,10 - 0,25	- 50 / + 150	high viscosity, high strength threadlocker with gap filling properties	TH 62
		TM 66	high	green	500 - 800	20 - 40	18 - 28	20 - 30	> M _{LB}	M 20	0,05 - 0,15	- 50 / + 150	for permanently locked screws, studs etc.	TM 66
	Pump Gel	TT 44 Gel	middle	blue	20,000 - 30,000 tx	15 - 30	9 - 15	13 - 22	< M _{LB}	M 50	0,10 - 0,30	- 50 / + 150	high viscosity threadlocker with gap filling properties; self dispenser	TT 44 Gel
	TT 62 Gel	high	red	15,000 - 25,000 tx	15 - 30	15 - 25	20 - 35	< M _{LB}	M 50	0,10 - 0,30	- 50 / + 150	high viscosity threadlocker with gap filling properties; self dispenser	TT 62 Gel	
R - Retaining	Cylindrical Parts	RL 65	high	green	8 - 15	20 - 40	16 - 24	12 - 24	> M _{LB}	-	0,01 - 0,05	- 50 / + 150	for post application; cylindrical parts e.g. bearings; very low viscosity wick	RL 65
		RL 67	high	green	60 - 150	15 - 30	21 - 38	25 - 43	> M _{LB}	M 12	0,04 - 0,13	- 50 / + 150	for cylindrical parts like bearings, shafts, bushes, rotors, studs etc.; low v	RL 67
		RM 82	high	green	400 - 700 tx	15 - 30	25 - 44	21 - 33	> M _{LB}	M 20	0,02 - 0,10	- 50 / + 200	low viscosity: wicking properties for high strength and temperature load	RM 82
		RM 88	high	green	400 - 800 tx	15 - 30	25 - 44	25 - 43	> M _{LB}	M 20	0,05 - 0,15	- 50 / + 200	temp. resistant; for cylindrical parts like bearings, bushes etc.	RM 88
		RH 98	high	green	2,200 - 3,400 tx	20 - 40	26 - 45	28 - 48	> M _{LB}	M 36	0,10 - 0,30	- 50 / + 200	temp. resistant; gap filling; for dynamic loaded parts and high resistant t	RH 98
		RH 99	high	green	1,600 - 2,200 tx	20 - 40	22 - 38	22 - 38	> M _{LB}	R 3"	0,10 - 0,25	- 50 / + 150	for dynamic loaded parts	RH 99
S - Sealing	Threads	SH 22	low	white	6,000 - 9,000 tx	90 - 180	5 - 10	6 - 10	< M _{LB}	R 3"	0,10 - 0,30	- 50 / + 150	easy to dismantle pipe- and flange sealant and instant gasket	SH 22
		SH 27	middle	yellow	20,000 - 30,000 tx	15 - 30	6 - 12	6 - 10	< M _{LB}	R 2"	0,10 - 0,40	- 50 / + 150	pipe- and flange sealing	SH 27
		SM 40	middle	brown	200 - 400 tx	30 - 60	10 - 16	14 - 22	< M _{LB}	M 20	0,05 - 0,15	- 50 / + 150	for hydraulic and pneumatic fine threads	SM 40
		SM 77	high	green	1,300 - 2,100 tx	15 - 30	26 - 45	26 - 45	< M _{LB}	M 36	0,05 - 0,20	- 50 / + 200	sealing retainer; high temperature resistant	SM 77
	Gaskets	SH 55	middle	red	12,000 - 18,000 tx	30 - 60	6 - 12	12 - 20	> M _{LB}	-	0,10 - 0,30	- 50 / + 200	high temperature resistant flange sealant	SH 55
		SH 58	high	red	30,000 - 50,000 tx	80 - 160	6 - 13	6 - 13	> M _{LB}	-	0,10 - 0,50	- 50 / + 150	very high viscosity instant gasket; gap filling	SH 58

blue printed products consider as standards

Viscosity measured with cone / plate method at 20° C; with regards to newtonian fluids measured with cone Ø 50 mm at 30 rev/min; in terms of thixotropic fluids (tx) measured with cone Ø 50 mm at 5 rev/min.