

Type	Release	   	curing time handling min.	curing time functional hours	viscosity +20°C mPa.s	
Screw retention						
MSS 520.290			10 - 20	1 - 3	70 - 90	low viscosity
MSS 541.241			10 - 20	1 - 3	100 - 150	low viscosity
MSS 550.222			15 - 30	1 - 3	900 - 1.100	medium viscosity
MSS 581.242			10 - 20	1 - 3	900 - 1.100	medium viscosity
MSS 585.243	DIN-DVGW-NG-5146AU7052	NSF Listed P1 (Reg. No. 154175)	10 - 20	1 - 3	2.000 - 7.500	high viscosity
MSS 587.245			15 - 30	1 - 3	6.000 - 20.000	high viscosity
MSS 641.270/1		NSF Listed P1 (Reg. No. 154682)	10 - 20	1 - 3	400 - 700	medium viscosity
MSS 642.272	DIN-DVGW-NG-5146AT7033		20 - 40	3 - 6	8.000 - 15.000	high viscosity
MSS 681.262		NSF Listed P1 (Reg. No. 154311)	10 - 15	1 - 3	3.000 - 6.000	high viscosity
MSS.5850K.2400	WRAS approval no. 1701532	without risk- and safety phrases	30 - 50	6 - 12	1.700 - 9.000	high viscosity
MSS.6410K.2700		without risk- and safety phrases	20 - 40	6 - 12	500	medium viscosity
Bushing & bearing retention						
MBL 610.603			5 - 10	1 - 3	100 - 150	low viscosity
MBL 630.641			10 - 20	1 - 3	500 - 700	medium viscosity
MBL 650.648			10 - 20	1 - 3	400 - 600	medium viscosity
MBL 665.620			20 - 40	3 - 6	8.000 - 15.000	high viscosity
MBL 690.638		NSF Listed P1 (Reg. No. 154312)	10	1 - 3	1.500 - 2.500	high viscosity
Pipe thread sealant						
MRG 666.620			20 - 40	1 - 3	3.000 - 5.000	high viscosity
MRG 670.542			10 - 20	1 - 3	500 - 700	medium viscosity
MRG 675.577	DIN-DVGW-NG-5146BU0369	NSF Listed P1 (Reg. No. 154174)	15 - 30	1 - 3	24.000 - 70.000	high viscosity
MRG 676.576			10 - 15	1 - 3	15.000 - 25.000	high viscosity
MRG 678.511			20 - 40	1 - 3	60.000 - 90.000	high viscosity
MRG.6750K.5770	WRAS approval no. 1701545	without risk- and safety phrases	15 - 30	6 - 12	24.000 - 70.000	high viscosity
Surface sealant						
MFD 2000.573			20 - 40	1 - 3	17.000 - 50.000	high viscosity
MFD 3000.518			10 - 20	1 - 3	50.000 - 250.000	high viscosity
MFD 4000.574		NSF Listed P1 (Reg. No. 154684)	15 - 30	1 - 3	30.000 - 100.000	high viscosity
MFD 5000.510			15 - 30	3 - 6	70.000 - 300.000	high viscosity

gap-filling	max. thread	strength class DIN 30661	breakaway Nm	strain Nm	shear strength (DIN 54452) N/mm²	temperature-resistance °C
0,07	M6	3	15 - 25	30 - 40	8 - 12	-55 - +150
0,10	M12	2	10 - 15	12 - 20	8 - 12	-55 - +150
0,20	M24	1	4 - 8	2 - 4	3 - 5	-55 - +150
0,20	M24	2	14 - 18	5 - 8	8 - 12	-55 - +150
0,25	M36	2	17 - 22	8 - 12	9 - 13	-55 - +150
0,30	M80	2	10 - 15	10 - 18	8 - 12	-55 - +150
0,15	M20	3	28 - 35	50 - 65	15 - 20	-55 - +150
0,30	M36	3	20 - 35	40 - 70	15 - 25	-55 - +230
0,25	M36	2	20 - 25	40 - 55	10 - 15	-55 - +150
0,25	M36	2	13 - 18	8 - 12	7 - 10	-55 - +150
0,15	M20	1	20 - 30		10 - 20	-55 - +150
0,10	M12	3	12 - 15	25 - 30	17 - 22	-55 - +150
0,12	M20	2	12 - 15	16 - 22	8 - 12	-55 - +150
0,15	M20	3	30 - 35	55 - 70	20 - 30	-55 - +175
0,30	M56	3	25 - 30	40 - 70	15 - 25	-55 - +230
0,20	M36	3	30 - 40	50 - 70	25 - 30	-55 - +150
0,25	M56	3	28 - 36	35 - 55	15 - 25	-55 - +200
0,15	M20	2	12 - 16	18 - 24	8 - 12	-55 - +150
0,50	M80	2	18 - 22	10 - 14	6 - 13	-55 - +150
0,25	M56	1	8 - 12	4 - 8	4 - 6	-55 - +180
0,30	M80	1	7 - 10	2 - 4	4 - 6	-55 - +150
0,50	M80	2	18 - 22	10 - 14	6 - 13	-55 - +150
0,30		1		2 - 4	4 - 6	-55 - +150
0,50		2		7 - 10	8 - 13	-55 - +150
0,50		2		5 - 8	5 - 10	-55 - +150
0,50		2		6 - 8	5 - 10	-55 - +200