

STANDARD COUPLINGS

MULTI MATERIAL RUBBER FLEXIBLE COUPLINGS AND BUSHES



MISSION Standard Couplings are primarily designed for jointing pipes in sewerage, drainage and other non-pressure applications.

They comply with the requirements of Water Industry Specification WIS 4-41-01 „Specification for flexible couplings for gravity sewerage and drainage pipes“.

Due to their robust design they have the ability to provide a reliable seal **onto any pipe material** whether rough e.g. concrete or smooth e.g. PVCu.

The centre shear band provides resistance against heavy earth loads and shear forces, helping to ensure pipe alignment with joint flexibility.

In connection with MISSION Bushes the MISSION Standard Couplings can connect two pipes from different pipe materials having significantly **different outside diameters**.

MISSION Bushes are available in various thicknesses and are used where there is a difference of over 12mm in the outside diameter of the pipes to be jointed.

- The new **“lock in place” profile** of the rubber sleeve ensures that both end clamps and shear band remain firmly in place during transit, stocking or site installation.
- The elimination of spot-welds on the shear band and their replacement with fasteners using **TOX®-Technology** enhances the corrosion resistance of the couplings.

TECHNICAL SPECIFICATION

Pressure Tightness	2.5 bar water / -0.3 bar vacuum
Jetting Resistance	120 bar
Corrosion Resistance	TOX®-Technology
Sealing Material	EPDM or Nitrile (NBR) according to BS EN 681-1
Stainless Steel	AISI 304/1.4301, alternatively AISI 316/1.4404
Temperature Resistance	-40°C to +120°C, temporary max. temperature +160°C





For more information please contact us on www.missionrubber.co.uk or

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Mission Rubber (UK) Limited, Units 4+5, Atlas Business Park, Starnhill Close, Ecclesfield, Sheffield, S35 9TG

STANDARD COUPLINGS

REFERENCE	SIZE RANGE (mm)	WIDTH (mm)	BAR		REFERENCE	SIZE RANGE (mm)	WIDTH (mm)	BAR	
MSC 115	100 - 115	120	2.5	10 Nm	MLC 805	775 - 805	190	1.0	20 Nm
MSC 122	105 - 122	120	2.5	10 Nm	MLC 815	800 - 815	190	1.0	20 Nm
MSC 137	120 - 137	120	2.5	10 Nm	MLC 830	815 - 830	190	1.0	20 Nm
MSC 150	125 - 150	120	2.5	10 Nm	MLC 845	830 - 845	190	1.0	20 Nm
MSC 162	137 - 162	120	2.5	10 Nm	MLC 860	845 - 860	190	1.0	20 Nm
MSC 175	150 - 175	120	2.5	10 Nm	MLC 870	845 - 870	190	1.0	20 Nm
MSC 180	160 - 180	150	2.5	10 Nm	MLC 875	860 - 875	190	1.0	20 Nm
MSC 190	165 - 190	150	2.5	10 Nm	MLC 890	875 - 890	190	1.0	20 Nm
MSC 200	175 - 200	150	2.5	10 Nm	MLC 905	890 - 905	190	1.0	20 Nm
MSC 212	187 - 212	150	2.5	10 Nm	MLC 915	885 - 915	190	1.0	20 Nm
MSC 225	200 - 225	150	2.5	10 Nm	MLC 920	905 - 920	190	1.0	20 Nm
MSC 250	225 - 250	150	2.5	10 Nm	MLC 935	920 - 935	190	1.0	20 Nm
MSC 265	240 - 265	150	2.5	10 Nm	MLC 950	935 - 950	190	1.0	20 Nm
MSC 275	250 - 275	150	2.5	10 Nm	MLC 965	950 - 965	190	1.0	20 Nm
MSC 290	265 - 290	150	2.5	10 Nm	MLC 975	945 - 975	190	1.0	20 Nm
MSC 310	285 - 310	190	2.5	13 Nm	MLC 980	965 - 980	190	1.0	20 Nm
MSC 320	290 - 320	190	2.5	13 Nm	MLC 995	980 - 995	190	1.0	20 Nm
MSC 335	310 - 335	190	2.5	13 Nm	MLC 1010	995 - 1010	190	0.6	20 Nm
MSC 350	325 - 350	190	2.5	13 Nm	MLC 1025	1010 - 1025	190	0.6	20 Nm
MSC 360	335 - 360	190	2.5	13 Nm	MLC 1040	1025 - 1040	190	0.6	20 Nm
MSC 385	355 - 385	190	2.5	13 Nm	MLC 1055	1040 - 1055	190	0.6	20 Nm
MSC 410	385 - 410	190	2.5	13 Nm	MLC 1070	1055 - 1070	190	0.6	20 Nm
MSC 430	400 - 430	190	2.5	13 Nm	MLC 1085	1070 - 1085	190	0.6	20 Nm
MSC 445	415 - 445	190	2.5	13 Nm	MLC 1100	1085 - 1100	190	0.6	20 Nm
MSC 465	435 - 465	190	2.5	13 Nm	MLC 1115	1100 - 1115	190	0.6	20 Nm
MSC 490	465 - 490	190	2.5	13 Nm	MLC 1130	1115 - 1130	190	0.6	20 Nm
MSC 510	480 - 510	190	2.5	13 Nm	MLC 1145	1130 - 1145	190	0.6	20 Nm
MSC 525	495 - 525	190	2.5	13 Nm	MLC 1160	1145 - 1160	190	0.6	20 Nm
MSC 545	515 - 545	190	2.5	13 Nm	MLC 1175	1160 - 1175	190	0.6	20 Nm
MSC 560	530 - 560	190	2.5	13 Nm	MLC 1190	1175 - 1190	190	0.6	20 Nm
MSC 570	540 - 570	190	2.5	13 Nm	MLC 1205	1190 - 1205	190	0.6	25 Nm
MSC 580	550 - 580	190	2.5	13 Nm	MLC 1220	1205 - 1220	190	0.6	25 Nm
MSC 600	570 - 600	190	2.5	13 Nm	MLC 1235	1220 - 1235	190	0.6	25 Nm
MSC 620	590 - 620	190	2.5	13 Nm	MLC 1250	1235 - 1250	190	0.6	25 Nm
MLC 635	620 - 635	190	1.0	20 Nm	MLC 1265	1250 - 1265	190	0.6	25 Nm
MLC 650	635 - 650	190	1.0	20 Nm	MLC 1280	1265 - 1280	190	0.6	25 Nm
MLC 665	650 - 665	190	1.0	20 Nm	MLC 1295	1280 - 1295	190	0.6	25 Nm
MLC 680	665 - 680	190	1.0	20 Nm	MLC 1310	1295 - 1310	190	0.6	25 Nm
MLC 695	680 - 695	190	1.0	20 Nm	MLC 1325	1310 - 1325	190	0.6	25 Nm
MLC 700	670 - 700	190	1.0	20 Nm	MLC 1340	1325 - 1340	190	0.6	25 Nm
MLC 710	695 - 710	190	1.0	20 Nm	MLC 1355	1340 - 1355	190	0.6	25 Nm
MLC 725	710 - 725	190	1.0	20 Nm	MLC 1370	1355 - 1370	190	0.6	25 Nm
MLC 735	705 - 735	190	1.0	20 Nm	MLC 1385	1370 - 1385	190	0.6	25 Nm
MLC 740	725 - 740	190	1.0	20 Nm	MLC 1400	1385 - 1400	190	0.6	25 Nm
MLC 755	740 - 755	190	1.0	20 Nm					
MLC 770	755 - 770	190	1.0	20 Nm					
MLC 785	770 - 785	190	1.0	20 Nm					
MLC 800	785 - 800	190	1.0	20 Nm					

Larger sizes are available on request.

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DATA SHEET



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