



Mission Standard Couplings, which comply with the requirements of WIS 4-41-01, are primarily designed for jointing pipes in sewerage, drainage and other non-pressure applications.

Due to their robust design they have the ability to provide a reliable seal on any pipe material whether rough e.g. concrete or smooth e.g. PVCu. Whilst the centre shear band provides resistance against heavy earth loads and shear forces, helping to ensure pipe alignment with joint flexibility.

The unique design of the Mission Standard Couplings offers the end user the following benefits

- The thickness of the rubber sleeve allows for greater flexibility and the ability to withstand an internal water pressure of 2.5 bar on pipes such as ductile iron and plastic.
- The new "locked-in-place" profile of the rubber sleeve ensures that both end clamps and shear band remain securely in place during transportation to the job site.

- The elimination of spot-welds on the shear band and their replacement with fasteners using TOX ® technology enhances the corrosion resistance of the couplings. (See page 16)

Uses

- On public sewers where couplings complying with WIS 4-41-01 are required.
- As a joint for plain ended pipe.
- Where a post connection is required to an existing drain or sewer.
- The repair of existing pipelines by the insertion of a new length of pipe.
- As an adaptor between pipes of different diameter or materials. (Where the difference in diameter exceeds 12mm a bush should be used if an Adaptor Coupling is not available).
- Jointing short or cut lengths of pipe.
- Provision of rocker pipes adjacent to structures.

STANDARD COUPLINGS • up to 620mm diameter

REFERENCE NUMBER	SIZE RANGE (mm)	WIDTH (mm)	T (mm)
MSC 115	100 - 115	120	7
MSC 122	105 - 122	120	7
MSC 137	120 - 137	120	7
MSC 150	125 - 150	120	7
MSC 162	137 - 162	120	7
MSC 175	150 - 175	120	7
MSC 190	165 - 190	150	7.5
MSC 200	175 - 200	150	7.5
MSC 212	187 - 212	150	7.5
MSC 225	200 - 225	150	7.5
MSC 250	225 - 250	150	7.5
MSC 275	250 - 275	150	7.5
MSC 290	265 - 290	150	7.5
MSC 310	285 - 310	190	9.5
MSC 320	290 - 320	190	9.5
MSC 335	310 - 335	190	9.5
MSC 350	325 - 350	190	9.5
MSC 360	335 - 360	190	9.5
MSC 385	355 - 385	190	9.5
MSC 410	385 - 410	190	9.5
MSC 430	400 - 430	190	9.5
MSC 445	415 - 445	190	9.5
MSC 465	435 - 465	190	9.5
MSC 490	460 - 490	190	9.5
MSC 510	480 - 510	190	9.5
MSC 525	495 - 525	190	9.5
MSC 545	515 - 545	190	9.5
MSC 560	530 - 560	190	9.5
MSC 570	540 - 570	190	9.5
MSC 580	550 - 580	190	9.5
MSC 600	570 - 600	190	9.5
MSC 620	590 - 620	190	9.5

Also produced in Nitrile rubber and with grade 1.4401 (316) stainless steel fittings. Please contact us for availability.