

Note:

Mass calculation based on a nominal density of 2500Kg/m³

Rubber ring shore hardness 40 degrees

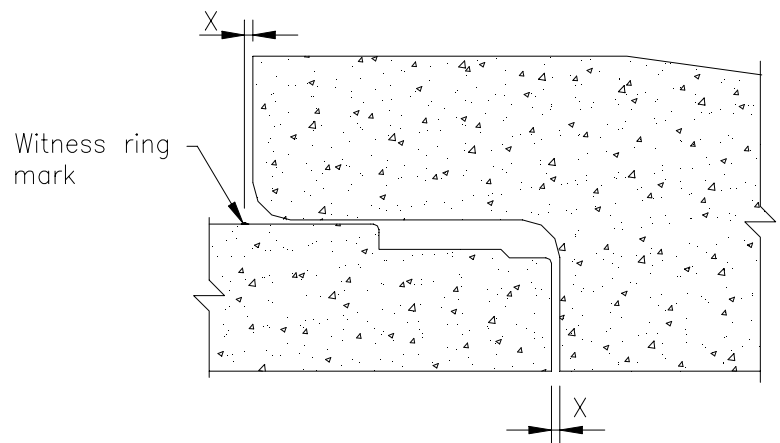
Steel cage is continuous into the collar. No spacers are used for placement (machine controlled).

PIPE DIMENSIONS

Designated Diameter	Dimensions (Class X,Y,Z) (mm)											Joint Assembly			Mass (Kg)
	D	T	L	H	S	O	P	SW	E	SE'	SE	AS1	AS2	AS3	
225	225	35	2000	95	176	55	78	42	376.4	292.2	274.8	1.2	7.29	8.79	161
300	300	35	2500	95	181	55	78	43	453.4	367.4	349.8	1.2	7.29	8.79	253
375	375	35	2500	95	198	55	78	47	536.4	442.4	424.8	1.2	7.29	8.79	313
450	450	40	2500	115	219	60	92	52	631.3	527.3	505.3	1.6	9.51	11.01	433
525	525	45	2500	130	236	60	95	56	724.1	612.1	590.1	1.6	9.51	11.01	568
600	600	50	2500	140	253	60	99	60	816.9	696.9	674.8	1.6	9.51	11.01	726

NOMINAL LAYING JOINT GAP "X"

Dia.	Min.	Max.
225	4	8
300	4	8
375	4	8
450	5	10
525	5	10
600	5	10



Note:

1. Min. joint gap is based on normal laying and can be less if required. Joint gaps are for non-pressure pipes and measurements are in millimeters.
2. Pipe shall be manufactured to NZS 3107.

MANARC

MANUKAU CITY APPROVED
REQUIREMENT

UPDATED:

AUG 1999

DETAIL No:

MD-18

DETAIL:

**HUMES TITAN
ROLLER COMPACTED PIPE**

MANUKAU CITY COUNCIL