



Technical Support Sheet

RRJ Concrete Pipe Geometry and Mass Tables

East Tamaki (Auckland) and Hornby (Christchurch) factories

TABLE 1 Rubber Ring Joint Pipe Diameters and Mass - Auckland

Nominal Pipe Ø	Barrel OD (mm)	Class X (2)				Class Y (3)				Class Z (4)			
		Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)	Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)	Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)
225	282	30	222	±7	166	30	222	±7	167	30	222	±7	168
300	367	33	302	±7	237	33	302	±7	238	33	302	±7	240
375	444	32	380	±7	293	32	380	±7	295	32	380	±7	296
450	534	39	457	±7	431	39	457	±7	434	39	457	±7	438
525	614	41	533	±7	540	41	533	±7	545	41	533	±7	551
600	699	45	610	±7	663	55	590	±7	764	55	590	±7	789
675	779	47	686	±8	779	57	666	±8	916	57	666	±8	923
750#	864	51	762	±8	945	61	742#	±8	1101	61	742#	±8	1117
825#	944	53	838	±8	1070	63	818#	±8	1244	63	818#	±8	1268
900	1039	63	914	±8	1394	63	914	±8	1414	63	914	±8	1444
975	1134	70	995	±8	1670	70	995	±8	1682	70	995	±8	1700
1050	1218	76	1067	±8	1934	76	1067	±8	1943	76	1067	±8	1970
1200	1372	77	1219	±8	2228	77	1219	±10	2245	87	1199	±10	2484
1350#	1524	76	1373	±10	2486	76	1373	±10	2509	96	1332#	±10	3029
1600#	1753	82	1590	±10	3269	107	1540#	±10	4026	107	1540#	±10	4036
1800#	2005	88	1830	±13	4061	103	1800#	±13	4602	120	1766#	±13	5201

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TABLE 2 Rubber Ring Joint Pipe Diameters and Mass - Christchurch

Nominal Pipe Ø	Barrel OD (mm)	Class X (2)				Class Y (3)				Class Z (4)			
		Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)	Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)	Wall Thickness (mm)	ID (mm)	ID & OD Tolerances (AS/NZ4058)	Gross Mass (kg)
225	282	30	222	±7	166	30	222	±7	167	30	222	±7	168
300	367	33	302	±7	237	33	302	±7	238	33	302	±7	240
375	444	32	380	±7	293	32	380	±7	295	32	380	±7	296
450	534	39	457	±7	431	39	457	±7	434	39	457	±7	438
525	614	41	533	±7	540	41	533	±7	545	41	533	±7	551
600	699	45	610	±7	663	55	590	±7	764	55	590	±7	789
675	779	47	686	±8	779	57	666	±8	916	57	666	±8	923
750#	864	51	762	±8	945	51	762#	±8	954	51	762#	±8	970
825#	944	53	838	±8	1070	53	838#	±8	1080	53	838#	±8	1090
900	1039	63	914	±8	1394	63	914	±8	1414	62	914	±8	1444
975	-	-	-	-	-	-	-	-	-	-	-	-	-
1050	1218	76	1067	±8	1934	76	1067	±8	1943	76	1067	±8	1970
1200	1372	77	1219	±8	2228	77	1219	±10	2245	97	1179	±10	2484
1350#	1524	76	1372	±10	2486	76	1372	±10	2509	86	1352#	±10	2769
1600#	1753	82	1590	±10	3269	102	1550#	±10	3870	102	1550#	±10	3888
1800#	2005	88	1830	±13	4061	108	1790#	±13	4762	128	1750#	±13	5455