



The technical characteristics of these pipes intended for the building industry provide an element which is both highly resistant to the fluids carried and therefore leads to economical installations. They are manufactured in extra great lengths and are unaffected by all normal domestic waste waters. Each pipe is provided with a socket end.

DIMENSIONS AND WEIGHTS

Norminal diametermm	80	100	125	150	200	250	300
Thickness (t)mm	7	7	7.5	7.5	9	10.5	12.5
Length (L)m	1-2-3-4-5-(5 m above Ø125)						
Weightkg/m	4.4	5.2	7.5	8.3	13.8	20.0	27.0
Socket-depth (P)mm	70						

ACCESSORIES

All types of accessories can be provided to enable full column to be installed. These accessories include :

- bends at 45° | and 90° |
- single and double branches
- tee fitting
- taper pieces
- gutter ends
- swan necks
- gullies

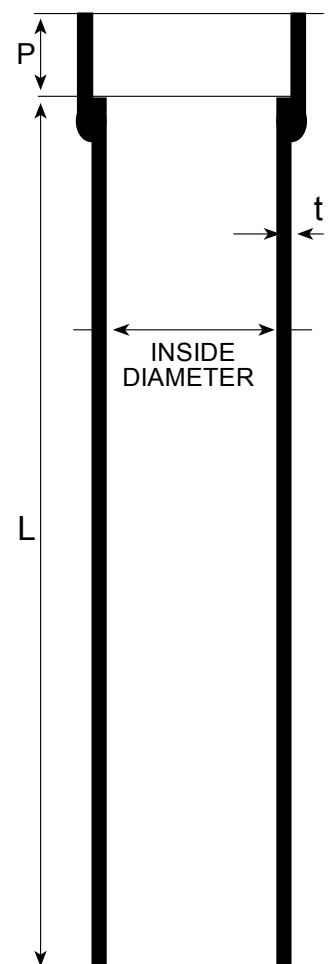
APPLICATIONS

These pipes can be used for all vertical or horizontal pipeline runs associated with the building industry and intended for rain water/waste water/garbage disposal and smoke and ventilation conduits.

These pipe can used for the construction of all drainage systems intended for the gravitational run off of waste and rain water, irrespective of whether these systems are of the separating, pseudo separating or unitary types, as long as their nominal diameter does not exceed 1500mm. We can supply pipeline element corresponding to the pressure ratings desired, for waste water discharge pipes (see pressure pipes chapter). Iranit sewer pipes are manufactured in accordance with the ISO R 881 standard (classes 1,2,3 and 4) and on request with ASTM C 428 standard (type AR 2400).

Normally Iranit sewer pipes are coated with asphalt. When required these pipes can be made with sulphate resistant cement (ASTM type V cement).

The standard length of sewer pipes is 5m in all classes and sizes-pipes of shorter length may be delivered according to ISO specifications.





JOINTS

The following joints are available.

Nominal diameter	mm	150	200	250	300	350	400	450	500	600	700	800	900	1000	1100	1200	1300	1400	1500
ISO R881	Class 1 st						SOCKET PIPES + ROLLING JOINT												
	Class 2																		
	Class 3																		
	Class 4																		
ASTM C 428 st AR 2400																			

* On request

FITTINGS

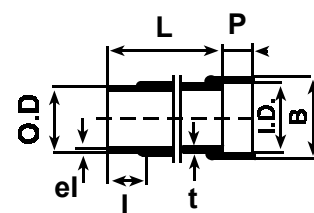
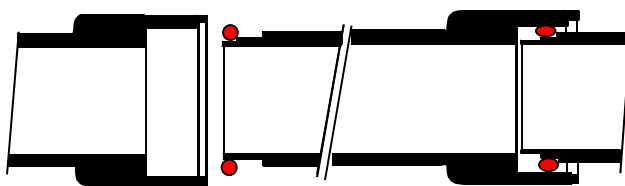
Fittings are available in two materials : asbestos – cement and cast – iron, As some fittings are not ready available from stock, to better service your requirements please contact your requirements dealer or Iranit sales department in Tehran for available.

All these fittings are plain ended. The full range of fittings consists of :

- 45° and 90° bends
- equal single and double branches
- unequal single and double branches
- equal and unequal tees
- reductions

1. PIPE UPTO ND 600 mm

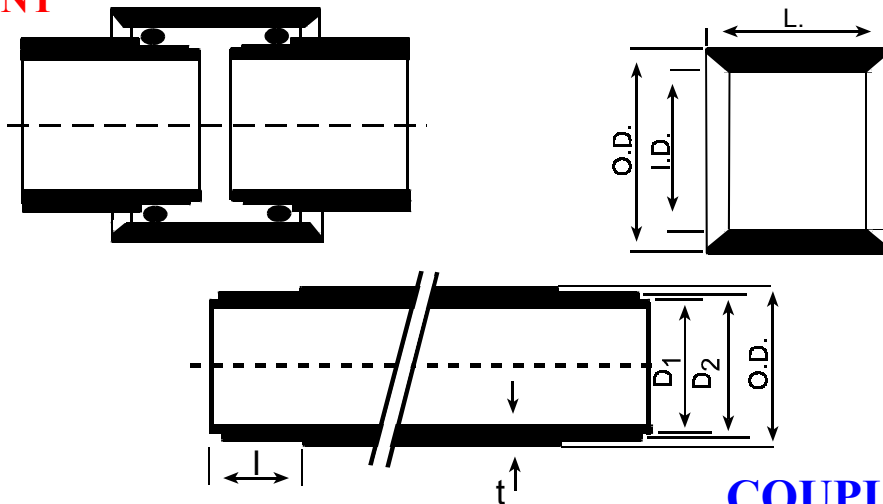
1/1 ISO R 881 – CLASS 1 PIPE FITTED WITH SOCKET AND ROLLING JOINT



PIPE AND SOCKETS

Nominal diameter mm	P mm	t mm	I.D mm	Weight per meter kg
300	70	11	340	23.70
350	70	12	392	30.01
400	70	13.5	448	38.53
450	85	15	501	48.48
500	85	16.5	555	59.16
600	85	19.5	663	83.74

1/2. ISO R 881 – CLASS 2 AND 3 PIPE FITTED WITH N ROLLING JOINT



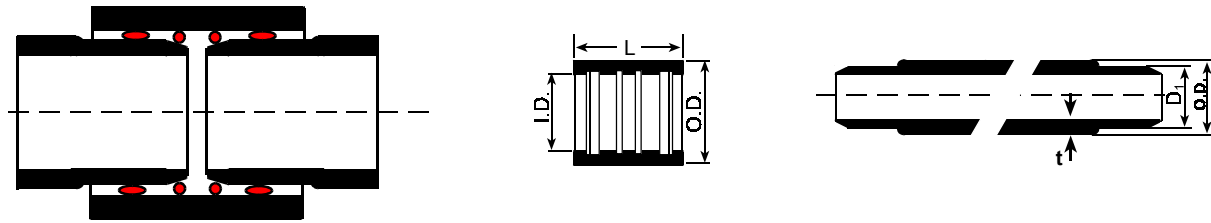
PIPE

COUPLINGS

Nominal diameter mm	O. D. mm	t mm	l mm	D1 mm	D2 mm	Weight per linear meter kg	Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight t kg
CLASS 2							CLASS 2				
200	221	10.5	49	216	218	14.71	200	264	239	170	3.55
250	272	11	49	267	269	19.11	250	317	290	170	4.63
300	324	12	50	319	321	24.92	300	374	342	180	6.86
350	378	14	50	373	375	33.92	350	432	396	180	8.92
400	432	16	57	427	429	44.30	400	493	453	195	12.27
450	485	17.5	57	480	482	48.63	450	548	506	195	14.36
500	538	19	61	533	535	65.64	500	610	560	210	20.44
600	645	22.5	66	639	641	93.23	600	726	668	225	30.27
CLASS 3							CLASS 3				
150	168	9	49	163	165	9.52	150	206	186	170	2.21
200	221	10.5	49	216	218	14.71	200	264	239	170	3.55
250	274	12	49	267	269	20.92	250	317	290	170	4.63
300	329	14.5	50	319	321	30.35	300	374	342	180	6.86
350	384	17	50	373	375	41.53	350	432	396	180	8.92
400	438	19	57	427	429	52.99	400	493	453	195	12.27
450	492	21	57	480	482	65.84	450	548	506	195	14.36
500	548	24	61	533	535	83.71	500	610	560	210	20.44
600	657	28.5	66	639	641	119.23	600	726	668	225	30.27



1/3. ISO R 881 – CLASS 4 PIPE FITTED WITH TREVIT JOINT



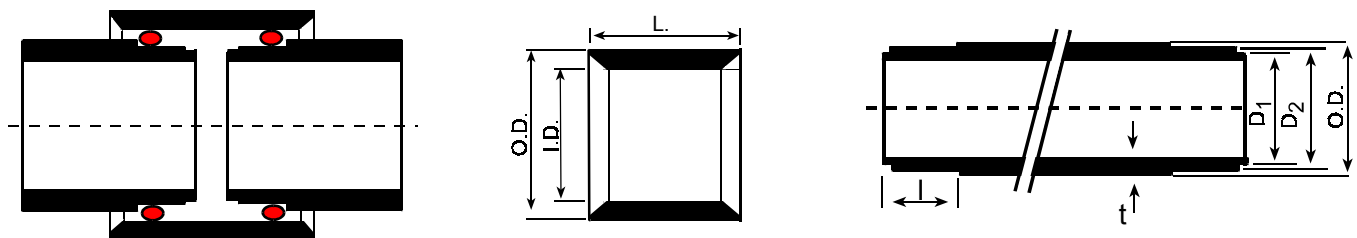
PIPE

Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
150	172	11	168	12.09
200	226	13	222	18.52
250	281	15.5	276	27.52
300	335	17.5	330	37.16
350	389	19.5	384	48.19
400	444	22	438	65.50
450	498	24	492	87.37
500	553	26.5	546	98.41
600	661	30.5	654	141.27

COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
150	206	171.3	175	4.05
200	265	225.3	205	6.60
250	324.5	279.3	205	9.20
300	383.5	333.3	205	12.50
350	443	387.3	225	17.45
400	502	441.3	225	23.90
450	561.5	495.3	245	29.35
500	620.5	549.3	245	35.83
600	739	657.3	265	52.32

1/4. ISO C 428AR 2400 - PIPE FITTED WITH N ROLLING JOINT



PIPE

Nominal diameter mm	O. D. mm	t mm	l mm	D1 mm	D2 mm	Weight per linear meter kg
150	171	10.5	49	163	165	11.28
200	225	12.5	49	217	219	17.75
250	278	14	49	270	272	24.71
300	331	15.5	50	323	325	32.67
350	383	16.5	50	374	376	40.44
400	436	18	57	426	428	50.19

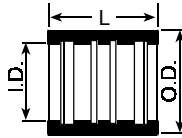
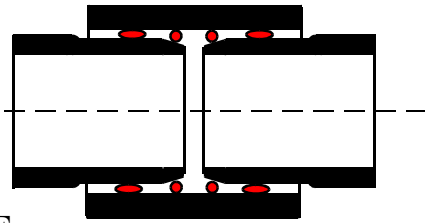
COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight t kg
150	208	183	170	2.92
200	267	238	170	4.36
250	322	291	170	5.64
300	378	344	180	7.69
350	431	395	180	9.30
400	448	450	195	12.05



2 PIPE RANGING FROM ND 700 mm UPTO ND 1500 mm

2/1. ISO R 881 – CLASSES 1,2,3,4 PIPE FITTED WITH E JOINT



PIPE

Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
CLASS 1 *				
700	745	22.5	740	108.21
800	850	25	844	137.30
900	958	29	952	179.34
1000	1063	31.5	1056	216.29
1100	1173	36.5	1165	276.14
1200	1278	39	1270	321.66
1300	1384	42	1375	375.20
1400	1492	46	1482	442.78
1500	1598	49	1987	505.26
CLASS 2				
700	757	28.5	752	130.67
800	866	33	860	174.36
900	973	36.5	967	217.84
1000	1082	41	1075	269.74
1100	1188	44	1180	339.03
1200	1296	48	1288	403.08
1300	1405	52.5	1397	472.67
1400	1514	57	1504	542.77
1500	1623	61.5	1612	623.08
CLASS 3				
700	767	33.5	752	163.57
800	877	38.5	860	214.90
900	987	43.5	967	273.21
1000	1096	48	1075	334.86
1100	1208	54	1180	414.82
1200	1319	59.5	1288	498.86
1300	1428	64	1397	581.11
1400	1539	69.5	1504	679.86
1500	1648	74	1612	775.36
CLASS 4				
700	778	39	772	191.85
800	890	45	883	253.12
900	1001	50.5	994	319.53
1000	1112	56	1104	393.66
1100	1226	63	1217	487.74
1200	1338	69	1329	582.88
1300	1450	75	1440	686.48
1400	1561	80.5	1550	793.36
1500	1672	86	1660	907.96

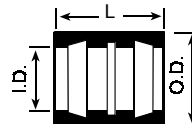
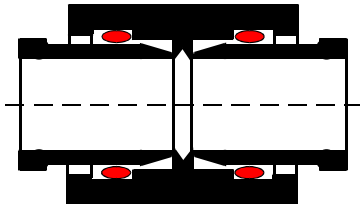
COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
CLASS 1 *				
700	805	748	294	57.60
800	915	852	294	73.92
900	1030	859	298	96.45
1000	1145	1064	302	115.69
1100	1265	1175	340	152.24
1200	1375	1280	340	182.99
1300	1485	1385	340	213.40
1400	1605	1494	356	255.58
1500	1715	1599	356	297.45
CLASS 2				
700	830	760	294	67.89
800	845	868	294	88.26
900	1065	974	298	111.77
1000	1180	1083	302	137.45
1100	1300	1190	340	179.65
1200	1415	1298	340	217.47
1300	1530	1407	340	255.83
1400	1655	1516	356	300.08
1500	1770	1624	356	354.02
CLASS 3				
700	830	760	294	67.89
800	945	868	294	88.26
900	1065	974	298	111.77
1000	1180	1083	302	137.45
1100	1300	1150	340	179.65
1200	1415	1298	340	217.47
1300	1530	1407	340	255.83
1400	1655	1516	356	300.08
1500	1770	1624	356	354.02
CLASS 4				
700	870	780	294	89.86
800	995	891	294	119.80
900	1115	1001	298	153.58
1000	1240	1112	302	189.64
1100	1370	1227	340	248.52
1200	1495	1339	340	300.58
1300	1615	1450	340	359.29
1400	1745	1562	356	421.48
1500	1865	1672	356	495.59



1. PR TYPE

1/1. PIPE RANGING FROM ND 80 mm UPTO ND 450 mm FITTED WITH IRANIIFLEX JOINT



PIPE

Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
CLASS B				
80	102	11	98	6.76
100	124	12	120	8.99
150	176	13	174	14.27
200	230	15	226	21.47
250	283	16.5	278	29.41
300	337	18.5	332	39.41
350	391	20.50	386	50.79
400	448	24	442	68.06
450	502	26	496	82.77
CLASS C				
80	104	12	102	7.39
100	126	13	124	10.25
150	182	16	180	18.22
200	238	19	236	28.88
250	292	21	290	39.67
300	350	25	344	54.34
350	411	30.50	404	77.62
400	468	34	460	98.79
450	522	36	514	123.30
CLASS D				
80	107	13.50	103	8.52
100	128	14	125	11.02
150	198	19.50	186	22.30
200	252	26	246	39.30
250	307	28.50	300	53.08
300	369	34.50	361	77.18
350	428	39	420	101.46
400	489	44.50	481	132.29
450	552	51	542	174.15

COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
CLASS B				
80	137	100.5	150	2.20
100	161	122.5	170	3.03
150	221	177.0	170	6.26
200	277	229.0	170	8.58
250	327	281.0	190	12.84
300	389	335.0	190	16.77
350	449	389.0	190	20.63
400	507	445.0	190	25.67
450	550	500.0	197	29.33
CLASS C				
80	145	104.5	150	2.52
100	169	126.5	170	3.54
150	233	183.0	170	7.34
200	297	239.0	170	10.79
250	351	293.0	190	16.43
300	413	347.0	190	20.92
350	485	407.0	190	27.80
400	543	463.0	190	33.75
450	597	519.0	197	40.25
CLASS D				
80	145	105.5	150	2.52
100	169	127.5	170	3.54
150	250	189.0	170	8.49
200	322	290.0	170	13.19
250	372	303.0	190	20.34
300	458	364.0	190	27.75
350	530	423.0	190	34.78
400	606	485.0	190	43.57
450	655	547.0	197	49.30



2. PN TYPE

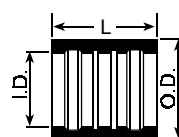
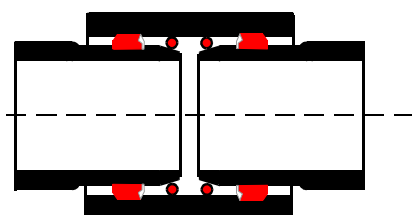
2/1. PIPES RANGING FROM ND 80 mm UP TO ND 600 mm FITTED WITH TREVIT JOINT

PIPE

Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
CLASS B				
80	102	11	98	6.76
100	122	11	118	8.18
150	172	11	168	12.09
200	226	13	222	18.52
250	281	15.50	276	27.52
300	335	17.50	330	37.16
350	389	19.50	384	48.19
400	444	22	438	62.09
450	498	24	492	76.08
500	553	26.50	546	93.31
600	659	29.5	654	124.20
CLASS C				
80	102	11	98	6.76
100	124	12	120	8.99
150	179	14.50	174	15.95
200	233	16.50	228	23.89
250	290	20	284	36.12
300	346	23	340	49.69
350	405	27.50	398	69.43
400	464	32	456	92.46
450	520	35	512	113.53
500	576	38	568	136.73
600	689	44.5	680	188.74
CLASS D				
80	106	13	102	8.18
100	127	13.5	124	10.73
150	187	18.50	182	20.85
200	250	25	244	37.62
250	305	27.50	298	51.04
300	368	34	360	75.95
350	428	39	420	101.46
400	488	44	480	130.66
450	550	50	540	167.20
500	610	55	600	213.84
600	732	66	720	290.45

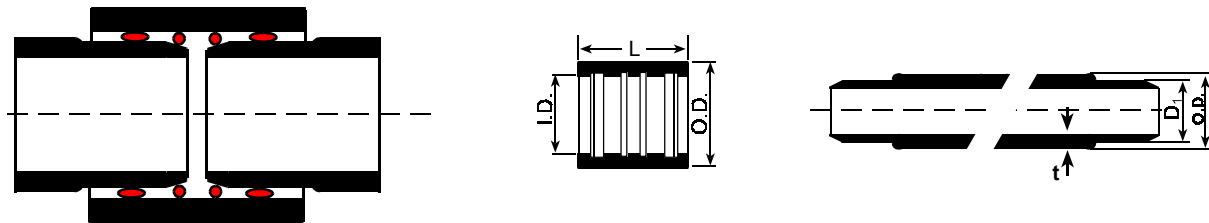
COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
CLASS B				
80	134	101.3	165	2.20
100	154.5	121.3	165	2.60
150	206	171.3	175	4.05
200	265	225.3	205	6.60
250	324.5	279.3	205	9.20
300	383.5	333.3	205	12.10
350	443	387.3	225	16.70
400	502	441.3	225	20.90
450	561.5	495.3	245	27.25
500	620.5	549.3	245	32.40
600	739	657.3	265	47.60
CLASS C				
80	134	101.3	165	2.20
100	158.5	123.3	165	2.90
150	218	177.3	175	5.05
200	277	231.3	205	8.00
250	340.5	287.3	205	11.40
300	403.5	343.3	205	15.35
350	471	401.3	225	22.25
400	538	459.3	225	28.95
450	601.5	515.3	245	37.85
500	664.5	571.3	245	45.25
600	791	683.3	265	66.80
CLASS D				
80	142	105.3	165	2.60
100	166.5	127.3	165	3.35
150	234	185.3	175	6.45
200	309	247.3	205	11.25
250	368.5	301.3	205	15.50
300	443.5	363.3	205	22.25
350	515	423.3	225	31.75
400	586	483.3	225	40.75
450	657.5	543.3	245	54.30
500	728.5	603.3	245	66.30
600	871	723.3	265	99.75





2/2. PIPES RANGING FROM ND 700 mm UP TO ND 1000 mm FITTED WITH E JOINT



PIPE

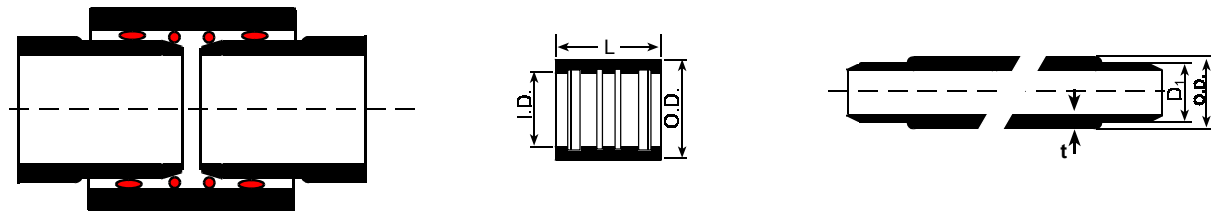
Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
CLASS B				
700	759	29.50	753	148.70
800	867	33.50	861	192.50
900	975	37.50	968	242.90
1000	1084	42.00	1076	302.40
CLASS C				
700	789	44.50	783	228.90
800	901	50.50	895	296.80
900	1013	56.50	1006	373.50
1000	1126	63.00	1118	462.60
CLASS D				
700	819	59.50	813	312.30
800	936	68.00	930	408.00
900	1053	76.50	1046	516.30
1000	1170	85.00	1162	637.40

COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
CLASS B				
700	830	760	294	61.30
800	945	868	294	77.20
900	1065	974	298	103.90
1000	1180	1083	302	125.90
CLASS C				
700	890	790	294	105.85
800	1015	902	294	129.94
900	1140	1012	298	183.55
1000	1265	1125	302	191.70
CLASS D				
700	950	820	294	133.30
800	1085	937	294	166.60
900	1220	1052	298	216.90
1000	1355	1169	302	269.30



1/2. PIPE RANGING FROM ND 500 mm UPTO ND 1000 mm FITTED WITH E JOINT



PIPE

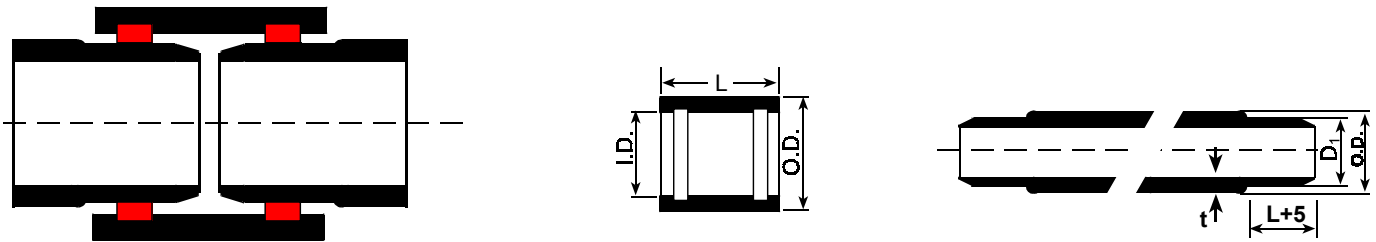
Nominal diameter mm	O. D. mm	t mm	D1 mm	Weight per linear meter kg
CLASS B				
500	559	29.5	552	104.47
600	670	34	666	144.17
700	772	36	766	183.10
800	881	40.5	875	235.30
900	991	45.5	984	297.20
1000	1102	51	1094	370.50
CLASS C				
500	580	40	572	151.91
600	695	47.5	686	215.23
700	806	53	800	275.80
800	920	60	914	356.50
900	1035	67.5	1028	451.40
1000	1150	75	1142	557.20
CLASS D				
500	612	56	602	223.84
600	734	67	722	315.46
700	840	70	834	372.50
800	959	79.5	953	483.10
900	1079	89.5	1072	612.00
1000	1199	99.5	1191	756.00

COUPLINGS

Nominal diameter mm	O. D. mm	I. D. mm	L mm	Weight kg
CLASS B				
500	611	557	245	44.40
600	738	671	245	62.84
700	860	773	294	89.80
800	975	882	294	103.40
900	1097	990	298	135.40
1000	1220	1101	302	154.00
CLASS C				
500	663	577	245	56.95
600	794	691	245	85.80
700	927	807	294	115.60
800	1055	917	294	145.80
900	1181	1034	298	184.50
1000	1315	1149	302	225.30
CLASS D				
500	726	607	245	73.57
600	870	727	245	117.5
700	995	841	294	155.80
800	1130	960	294	195.70
900	1270	1078	298	248.30
1000	1410	1198	302	304.60

3. REKA TYPE

3/1. PIPES RANGING FROM ND 100 mm UP TO ND 600 mm FITTED WITH REKA JOINT



PIPE

Nom. DIA mm	O. D. mm	T mm	D1 mm	WEIGHT Kg/mm
100	130	15	126	10.3
150	188	19	184	19.5
200	248	24	244	33.6
250	300	25	296	43.0
300	358	29	354	70.0
350	418	34	414	82.0
400	472	36	468	110.0
450	526	38	522	135.0
500	582	41	578	160.0
600	692	46	688	219.6

COUPLINGS

Nom. DIA mm	O. D. mm	I. D. mm	L mm	WEIGHT kg
100	180	130	125	2.9
150	242	188	125	4.6
200	308	248	155	9.2
250	362	300	155	11.0
300	450	358	175	22.0
350	520	418	175	29.0
400	584	472	205	42.0
450	642	526	205	48.0
500	710	582	205	58.5
600	807	693	245	42.5