

Material Grade PE 80

OD		PN 6		PN 8		PN 10		PN 12.5		PN 16	
Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
16.0	16.3	-	-	-	-	-	-	-	-	2.3	2.8
20.0	20.3	-	-	-	-	-	-	-	-	2.3	2.8
25.0	25.3	-	-	-	-	-	-	2.3	2.8	2.8	3.3
32.0	32.3	-	-	-	-	-	-	3.0	3.5	3.6	4.2
40.0	40.4	-	-	-	-	-	-	3.7	4.3	4.5	5.2
50.0	50.5	-	-	-	-	-	-	4.6	5.3	5.6	6.5
63.0	63.6	-	-	-	-	4.7	5.5	5.8	6.7	7.1	8.2
75.0	75.7	-	-	4.5	5.2	5.6	6.5	6.8	7.9	8.4	9.7
90.0	90.9	4.3	5.0	5.4	6.3	6.7	7.8	8.2	9.5	10.1	11.7
110.0	111.0	5.3	6.1	6.6	7.6	8.1	9.4	10.0	11.5	12.3	14.2
125.0	126.2	6.0	6.9	7.4	8.6	9.2	10.6	11.4	13.2	14.0	16.1
140.0	141.3	6.7	7.9	8.3	9.6	10.3	11.9	12.7	14.7	15.7	18.1
160.0	161.5	7.7	8.9	9.5	11.0	11.8	13.6	14.6	16.8	17.9	21.4
180.0	181.7	8.6	9.9	10.7	12.4	13.3	15.3	16.4	19.6	20.1	24.1
200.0	201.8	9.6	11.1	11.9	13.7	14.7	17.0	18.2	21.8	22.4	26.8
225.0	227.1	10.8	12.5	13.4	15.5	16.6	19.8	20.5	24.5	25.2	30.2
250.0	252.3	11.9	13.7	14.8	17.1	18.4	22.0	22.7	27.2	27.9	33.4
280.0	282.6	13.4	15.5	16.6	19.9	20.6	24.7	25.4	30.4	31.3	37.5
315.0	317.9	15.0	17.3	18.7	22.4	23.2	27.8	28.6	34.3	35.2	42.2
355.0	358.2	16.9	20.2	21.1	25.3	26.1	31.3	32.2	38.6	39.7	47.6
400.0	403.6	19.9	22.9	23.7	28.4	29.4	35.2	36.3	43.5	44.7	53.6
450	454.1	21.5	25.7	26.7	32.0	33.1	39.7	40.9	49.0	50.3	60.2
500	504.5	23.9	28.6	29.7	35.6	36.8	44.1	45.4	53.4	55.8	65.7
560	565.0	26.7	32.0	33.2	39.8	41.2	49.4	50.8	60.7	-	-
630	635.7	30.0	35.9	37.4	44.8	46.3	55.5	57.2	67.1	-	-
710	716.4	33.9	40.6	42.1	50.5	52.2	62.1	-	-	-	-
800	807.2	38.1	45.7	47.4	56.8	58.8	68.7	-	-	-	-
900	908.1	42.9	51.4	53.3	63.2	-	-	-	-	-	-
1000	1009	47.7	57.2	59.3	69.2	-	-	-	-	-	-
1200	1210	57.2	67.1	-	-	-	-	-	-	-	-
1400	1410	-	-	-	-	-	-	-	-	-	-
1600	1610	-	-	-	-	-	-	-	-	-	-

Note : Pressure Rating in : Kg/cm²

Material Grade PE 100

OD		PN 10		PN 12.5		PN 16	
Wall Thickness		Wall Thickness		Wall Thickness			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
32.0	32.3	-	-	-	-	3.0	3.5
40.0	40.4	-	-	-	-	3.7	4.3
50.0	50.5	-	-	-	-	4.6	5.3
63.0	63.6	-	-	4.7	5.5	5.8	6.7
75.0	75.7	4.5	5.2	5.6	6.5	6.8	7.9
90.0	90.9	5.4	6.3	6.7	7.8	8.2	9.5
110.0	111.0	6.6	7.6	8.1	9.4	10.0	11.5
125.0	126.2	7.4	8.6	9.2	10.6	11.4	13.2
140.0	141.3	8.3	9.6	10.3	11.9	12.7	14.7
160.0	161.5	9.5	11.0	11.8	13.6	14.6	16.8
180.0	181.7	10.7	12.4	13.9	15.3	16.4	19.6
200.0	201.8	11.9	13.7	14.7	17.0	18.2	21.8
225.0	227.1	13.4	15.5	16.6	19.9	20.5	24.5
250.0	252.3	14.8	17.1	18.4	22.0	22.7	27.2
280.0	282.6	16.6	19.9	20.6	24.7	25.4	30.4
315.0	317.9	18.7	22.4	23.2	27.8	28.6	34.3
355.0	358.2	21.1	25.3	26.1	31.3	32.2	38.6
400.0	403.6	23.7	28.4	29.4	35.2	36.3	43.5
450.0	454.1	26.7	32.0	33.1	39.7	40.9	49.0
500.0	504.5	29.7	35.6	36.8	44.1	45.4	54.4
560.0	565.0	33.2	39.8	41.2	49.4	50.8	60.7
630.0	635.7	37.4	44.8	46.2	55.4	57.2	67.1
710.0	716.4	42.1	50.5	52.2	62.1	-	-
800.0	807.2	47.4	56.8	58.8	68.7	-	-
900.0	908.1	53.3	63.2	-	-	-	-
1000.0	1009.0	59.3	69.2	-	-	-	-

Note : Pressure Rating in : Kg/cm²

PE Pipe as per ISO:4984:95 (With Amendment)

Material Grade PE 63 - All dimension are in mm

OD		PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20.0	20.3	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0
25.0	25.3	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0	4.2	4.9
32.0	32.3	-	-	-	-	2.3	2.8	3.0	3.5	3.6	4.2	4.4	5.1	5.4	6.2
40.0	40.4	-	-	2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.3	6.7	7.6
50.0	50.5	-	-	2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7	8.4	9.5
63.0	63.6	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9	8.6	9.7	10.5	11.8
75.0	75.7	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	11.5	12.5	14.0
90.0	90.9	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.2	13.7	15.0	16.7
110.0	111.0	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8	14.9	16.6	18.4	20.5
125.0	126.2	3.8	4.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	18.8	20.9	23.2
140.0	141.3	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4	19.0	21.1	23.4	26.0
160.0	161.5	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	24.1	26.7	29.6
180.0	181.7	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2	24.4	27.1	30.0	33.2
200.0	201.8	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8	27.1	30.1	33.4	37.0
225.0	227.1	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7	30.5	33.8	37.5	41.5
250.0	252.3	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	30.8	33.8	37.4	41.7	46.1
280.0	282.6	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6	37.9	41.9	46.7	51.6
315.0	317.9	9.6	10.8	15.0	16.7	22.0	24.4	28.7	31.8	35.0	38.7	42.6	47.1	52.5	58.0
355.0	358.2	10.8	12.1	17.0	18.9	24.8	27.5	32.3	35.8	39.5	43.7	48.0	53.0	59.2	65.4
400.0	403.6	12.2	14.3	19.1	22.2	28.0	32.4	36.4	42.8	44.5	51.4	54.1	62.5	-	-
450.0	454.1	13.7	16.0	21.5	25.0	31.4	36.4	41.1	47.4	50.0	57.7	-	-	-	-
500.0	504.5	15.2	17.7	23.9	27.7	34.9	40.4	45.5	52.6	55.6	64.2	-	-	-	-
560.0	565.0	17.0	19.8	26.7	31.0	39.1	45.2	51.0	58.9	-	-	-	-	-	-
630.0	635.7	19.1	22.2	30.0	34.7	44.0	50.8	57.3	66.1	-	-	-	-	-	-
710.0	716.4	21.6	25.1	33.9	39.2	49.6	57.3	-	-	-	-	-	-	-	-
800.0	807.2	24.3	28.2	38.1	44.1	55.9	64.5	-	-	-	-	-	-	-	-
900.0	908.1	27.3	31.6	42.9	49.6	-	-	-	-	-	-	-	-	-	-
1000.0	1009.0	30.4	35.2	47.7	55.1	-	-	-	-	-	-	-	-	-	-

Note : Pressure Rating in : Kg/cm²

Material Grade PE 80 - All dimension are in mm

OD		PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20.0	20.3	-	-	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3
25.0	25.3	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.5	4.1
32.0	32.3	-	-	-	-	-	-	2.4	2.9	3.0	3.5	3.6	4.2	4.5	5.2
40.0	40.4	-	-	-	-	2.3	2.8	3.0	3.5	3.7	4.3	4.5	5.2	5.6	6.4
50.0	50.5	-	-	2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4	6.9	7.8
63.0	63.6	-	-	2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6	7.0	7.9	8.7	9.8
75.0	75.7	-	-	2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8	8.4	9.5	10.4	11.7
90.0	90.9	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3	10.0	11.2	12.5	14.0
110.0	111.0	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.3	13.8	15.2	17.0
125.0	126.2	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8	13.9	15.5	17.3	19.3
140.0	141.3	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3	15.6	17.4	19.4	21.6
160.0	161.5	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3	17.8	19.8	22.1	24.6
180.0	181.7	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3	20.0	22.2	24.9	27.6
200.0	201.8	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3	22.3	24.8	27.6	30.6
225.0	227.1	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8	25.0	27.7	31.1	34.5
250.0	252.3	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3	27.8	30.8	34.5	38.2
280.0	282.6	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3	31.2	34.6	38.7	42.8
315.0	317.9	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8	35.0	38.7	43.5	48.1
355.0	358.2	8.7	9.8	13.7	15.3	20.1	22.4	26.3	29.2	32.3	35.8	39.5	43.7	49.0	54.1
400.0	403.6	9.8	11.5	15.4	18.0	22.7	26.4	29.7	34.4	36.4	42.1	44.5	51.4	55.2	63.7
450.0	454.1	11.0	12.9	17.4	20.3	25.5	29.6	33.4	38.7	41.0	47.7	50.0	57.7	-	-
500.0	504.5	12.2	14.3	19.3	22.4	28.4	32.9	37.1	42.9	45.5	52.6	55.6	64.2	-	-
560.0	565.0	13.7	16.0	21.6	25.1	31.7	36.7	41.5	48.0	51.0	58.9	-	-	-	-
630.0	635.7	15.4	18.0	24.3	28.2	35.7	41.3	46.7	54.0	57.3	66.1	-	-	-	-
710.0	716.4	17.4	20.3	27.4	31.8	40.2	46.5	52.6	60.7	-	-	-	-	-	-
800.0	807.2	19.6	22.8	30.8	35.7	45.3	52.3	-	-	-	-	-	-	-	-
900.0	908.1	22.0	25.5	34.7	40.2	51.0	58.9	-	-	-	-	-	-	-	-
1000.0	1009.0	24.4	28.3	38.5	44.5	56.7	65.5	-	-	-	-	-	-	-	-

Note : Pressure Rating in : Kg/cm²

Material Grade PE 100 - All dimension are in mm

OD		PN 6		PN 8		PN 10		PN 12.5		PN 16	
Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness		Wall Thickness			
Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20.0	20.3	-	-	-	-	-	-	-	-	2.3	2.8
25.0	25.3	-	-	-	-	-	-	2.3	2.8	2.9	3.4
32.0	32.3	-	-	-	-	2.4	2.9	2.9	3.4	3.7	4.3
40.0	40.4	-	-	2.4	2.9	3.0	3.5	3.7	4.3	4.6	5.3
50.0	50.5	2.3	2.8	3.0	3.5	3.7	4.3	4.6	5.3	5.7	6.5
63.0	63.6	2.9	3.4	3.8	4.4	4.7	5.4	5.7	6.5	7.1	8.1
75.0	75.7	3.5	4.1	4.5	5.2	5.6	6.4	6.8	7.7	8.5	9.6
90.0	90.9	4.1	4.8	5.4	6.2	6.7	7.6	8.2	9.3	10.2	11.5
110.0	111.0	5.0	5.7	6.6	7.5	8.1	9.2	10.0	11.2	12.4	13.9
125.0	126.2	5.7	6.5	7.5	8.5	9.2	10.4	11.3	12.7	14.1	15.8
140.0	141.3	6.4	7.3	8.4	9.5	10.3	11.6	12.7	14.2	15.8	17.6
160.0	161.5	7.3	8.3	9.6	10.8	11.8	13.2	14.5	16.2	18.1	20.2
180.0	181.7	8.2	9.3	10.8	12.1	13.3	14.9	16.3	18.2	20.3	22.6
200.0	201.8	9.1	10.3	12.0	13.4	14.8	16.5	18.1	20.2	22.6	25.1
225.0	227.1	10.3	11.6	13.5	15.1	16.6	18.5	20.4	22.7	25.4	28.2
250.0	252.3	11.4	12.8	15.0	16.7	18.4	20.5	22.6	25.1	28.2	31.3
280.0	282.6	12.8	14.3	16.8	18.7	20.6	22.9	25.3	28.1	31.6	35.0
315.0	317.9	14.4	16.1	18.9	21.0	23.2	25.8	28.5	31.6	35.5	39.3
355.0	358.2	16.2	18.1	21.2	23.6	26.2	29.1	32.1	35.6	40.0	44.2
400.0	403.6	18.2	21.2	23.9	27.7	29.5	34.2	36.2	41.9	45.1	52.1
450.0	454.1	20.5	23.8	26.9	31.2	33.1	38.3	40.7	47.7	50.8	58.7
500.0	504.5	22.8	26.5	29.9	34.6	36.8	42.6	45.2	52.2	56.4	65.1
560.0	565.0	25.5	29.6	33.5	38.8	41.2	47.6	50.6	58.4	-	-
630.0	635.7	28.7	33.3	37.7	43.6	46.4	53.6	56.9	65.7	-	-
710.0	716.4	32.3	37.4	42.4	49.0	52.3	60.4	-	-	-	-
800.0	807.2	36.4	42.1	47.8	55.2	58.9	68.0	-	-	-	-
900.0	908.1	41.0	47.4	53.8	62.1	-	-	-	-	-	-
1000.0	1009.0	45.5	52.6	-	-	-	-	-	-	-	-

Note : Pressure Rating in : Kg/cm²