

# PE80 PIPES SPECIFICATIONS



I.P.I

<b>SDR</b>	<b>41</b>	<b>33</b>	<b>26</b>	<b>21</b>	<b>17</b>	<b>13.6</b>	<b>11</b>	<b>9</b>	<b>7.4</b>	<b>6</b>
<b>S</b>	<b>20</b>	<b>16</b>	<b>12.50</b>	<b>10</b>	<b>8</b>	<b>6.3</b>	<b>5</b>	<b>4</b>	<b>3.2</b>	<b>2.5</b>

Pressure (atm)

PE 80		PN3.2			PN4			PN5			PN6			PN8			PN10			PN12.5			PN16			PN20			PN25		
قطر خارج (mm)	قطر فني (mm)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)	e max (mm)	e min (mm)	Weight (Kg)			
16	0.3																														
20	0.3																														
25	0.3																														
32	0.3																														
40	0.4																														
50	0.4				2.1	1.8	0.282	2.3	2.0	0.309	2.8	2.4	0.369	3.4	3.0	0.451	4.2	3.7	0.546	5.2	4.6	0.668	6.3	5.6	0.786	7.7	6.9	0.939	9.3	8.3	1.092
63	0.4	2.1	1.8	0.357	2.3	2.0	0.393	2.9	2.5	0.489	3.4	3.0	0.575	4.3	3.8	0.717	5.3	4.7	0.874	6.5	5.8	1.052	8.0	7.1	1.258	9.6	8.6	1.474	11.7	10.5	1.732
75	0.5	2.2	2	0.460	2.7	2.3	0.544	3.3	2.9	0.670	4.1	3.6	0.820	5.1	4.5	1.013	6.3	5.6	1.236	7.6	6.8	1.469	9.4	8.4	1.771	11.5	10.3	2.100	13.9	12.5	2.453
90	0.6	2.6	2.2	0.631	3.2	2.8	0.784	4.0	3.5	0.967	4.9	4.3	1.178	6.1	5.4	1.455	7.5	6.7	1.770	9.2	8.2	2.123	11.3	10.1	2.550	13.7	12.3	3.009	16.7	15.0	3.534
110	0.7	3.1	2.7	0.933	3.9	3.4	1.166	4.8	4.2	1.430	6.0	5.3	1.771	7.4	6.6	2.161	9.1	8.1	2.618	11.1	10.0	3.152	13.7	12.3	3.792	16.8	15.1	4.508	20.3	18.3	5.262
125	0.8	3.6	3.1	1.224	4.4	3.9	1.506	5.4	4.8	1.838	6.7	6.0	2.255	8.3	7.4	2.754	10.3	9.2	3.374	12.7	11.4	4.083	15.6	14.0	4.899	19.0	17.1	5.802	23.0	20.8	6.788
140	0.9	4.0	3.5	1.534	4.9	4.3	1.870	6.1	5.4	2.315	7.5	6.7	2.827	9.3	8.3	3.474	11.5	10.3	4.226	14.1	12.7	5.101	17.4	15.7	6.132	21.3	19.2	7.288	25.8	23.3	8.521
160	1.0	4.5	4.0	1.987	5.5	4.9	2.417	7.0	6.2	3.030	8.6	7.7	3.716	10.6	9.5	4.528	13.1	11.8	5.510	16.2	14.6	6.689	19.8	17.9	7.989	24.2	21.9	9.485	29.4	26.6	11.109
180	1.1	5.0	4.4	2.473	6.2	5.5	3.058	7.7	6.9	3.790	9.6	8.6	4.662	11.9	10.7	5.721	14.8	13.3	7.001	18.2	16.4	8.445	22.3	20.1	10.112	27.2	24.6	11.991	33.0	29.9	14.039
200	1.2	5.5	4.9	3.040	7.0	6.2	3.831	8.6	7.7	4.691	10.7	9.6	5.785	13.2	11.9	7.053	16.3	14.7	8.588	20.2	18.2	10.419	24.8	22.4	12.508	30.3	27.4	14.832	36.7	33.2	17.333
225	1.4	6.2	5.5	3.849	7.7	6.9	4.771	9.6	8.6	5.899	12.0	10.8	7.311	14.9	13.4	8.959	18.4	16.6	10.905	22.7	20.5	13.183	27.9	25.2	15.828	34.0	30.8	18.750	41.3	37.4	21.956
250	1.5	7.0	6.2	4.822	8.6	7.7	5.916	10.7	9.6	7.313	13.2	11.9	8.947	16.4	14.8	10.978	20.4	18.4	13.426	25.1	22.7	16.235	30.8	27.9	19.449	37.8	34.2	23.142	45.8	41.5	27.064
280	1.7	7.7	6.9	5.975	9.6	8.6	7.400	11.9	10.7	9.115	14.9	13.4	11.293	18.4	16.6	13.792	22.8	20.6	16.826	28.1	25.4	20.344	34.6	31.3	24.453	42.3	38.3	29.020	51.3	46.5	33.958
315	1.9	8.6	7.7	7.499	10.8	9.7	9.376	13.5	12.1	11.618	16.6	15.0	14.191	20.7	18.7	17.465	25.7	23.2	21.314	31.6	28.6	25.765	38.9	35.2	30.929	47.6	43.1	36.735	57.7	52.3	42.969
355	2.2	9.7	8.7	9.529	12.1	10.9	11.859	15.1	13.6	14.676	18.7	16.9	18.024	23.4	21.1	22.231	28.9	26.1	27.047	35.6	32.2	32.693	43.8	39.7	39.304	53.5	48.5	46.583	65.0	59.0	54.596
400	2.4	10.9	9.8	12.079	13.7	12.3	15.101	17.0	15.3	18.608	21.2	19.1	22.976	26.2	23.7	28.092	32.5	29.4	34.300	40.1	36.3	41.501	49.3	44.7	49.848	60.3	54.7	59.158	73.3	66.5	69.330
450	2.7	12.2	11.0	15.248	15.3	13.8	19.017	19.1	17.2	23.527	23.8	21.5	29.056	29.5	26.7	35.591	36.6	33.1	43.432	45.1	40.9	52.557	55.5	50.3	63.089	67.8	61.5	74.836	-	-	-