

جدول اطلاعات لوله ها بر اساس استاندارد INSO 14427-2

Pipe Series	20			16			12.5			10			8			6.3			5			4			3.2			2.5					
SDR	41			33			26			21			17			13.6			11			9			7.4			6					
PE80	PN 3.2			PN 4			PN 5			PN 6			PN 8			PN 10			PN 12.5			PN 16			PN 20			PN 25					
PE100	PN 4			PN 5			PN 6			PN 8			PN 10			PN 12.5			PN 16			PN 20			PN 25			...					
d (mm)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)	e _{min}	e _{max}	Mass (kg/m)			
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	0.091	2.3	2.7	0.103	3.0	3.4	0.130			
20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	0.120	2.3	2.7	0.133	3.0	3.4	0.164	3.4	3.9	0.180
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	0.150	2.3	2.7	0.171	3.0	3.4	0.220	3.5	4.0	0.240	4.2	4.8	0.278				
32	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.3	0.200	2.4	2.8	0.232	3.0	3.4	0.290	3.6	4.1	0.327	4.4	5.0	0.386	5.4	6.1	0.454			
40	-	-	-	-	-	-	-	-	-	2.0	2.3	0.250	2.4	2.8	0.295	3.0	3.5	0.356	3.7	4.2	0.430	4.5	5.1	0.509	5.5	6.2	0.600	6.7	7.5	0.701			
50	-	-	-	-	-	-	2.0	2.3	0.314	2.4	2.8	0.374	3.0	3.4	0.453	3.7	4.2	0.549	4.6	5.2	0.666	5.6	6.3	0.788	6.9	7.7	0.936	8.3	9.3	1.09			
63	-	-	-	2.0	2.3	0.399	2.5	2.9	0.494	3.0	3.4	0.580	3.8	4.3	0.721	4.7	5.3	0.873	5.8	6.5	1.05	7.1	8.0	1.26	8.6	9.6	1.47	10.5	11.7	1.73			
75	-	-	-	2.3	2.7	0.551	2.9	3.3	0.675	3.6	4.1	0.828	4.5	5.1	1.02	5.6	6.3	1.24	6.8	7.6	1.47	8.4	9.4	1.76	10.3	11.5	2.09	12.05	13.09	2.44			
90	2.2	2.6	0.643	2.8	3.2	0.791	3.5	4.0	0.978	4.3	4.9	1.18	5.4	6.1	1.46	6.7	7.5	1.77	8.2	9.2	2.12	10.1	11.3	2.54	12.3	13.7	3.00	15.0	16.7	3.51			
110	2.7	3.1	0.943	3.4	3.9	1.17	4.2	4.8	1.43	5.3	6.0	1.77	6.6	7.4	2.17	8.1	9.1	2.62	10.0	11.1	3.14	12.3	13.7	3.78	15.1	16.8	4.49	18.3	20.3	5.24			
125	3.1	3.6	1.23	3.9	4.4	1.51	4.8	5.4	1.84	6.0	6.7	2.27	7.4	8.3	2.76	9.2	10.3	3.37	11.4	12.7	4.08	14.0	15.6	4.87	17.1	19.0	5.77	20.8	23.0	6.75			
140	3.5	4.0	1.54	4.3	4.9	1.88	5.4	6.1	2.32	6.7	7.5	2.83	8.3	9.3	3.46	10.3	11.5	4.22	12.7	14.1	5.08	15.7	17.4	6.11	19.2	21.3	7.25	23.3	25.8	8.47			
160	4.0	4.5	2.0	4.9	5.5	2.42	6.2	7.0	3.04	7.7	8.6	3.72	9.5	10.6	4.52	11.8	13.1	5.50	14.6	16.2	6.67	17.9	19.8	7.96	21.9	24.2	9.44	26.6	29.4	11.0			
180	4.4	5.0	2.49	5.5	6.2	3.07	6.9	7.7	3.79	8.6	9.6	4.67	10.7	11.9	5.71	13.3	14.8	6.98	16.4	18.2	8.42	20.1	22.3	10.1	24.6	27.2	11.9	29.9	33.0	14.0			
200	4.9	5.5	3.05	6.2	7.0	3.84	7.7	8.6	4.69	9.6	10.7	5.78	11.9	13.2	7.05	14.7	16.3	8.56	18.2	20.2	10.4	22.4	24.8	12.4	27.4	30.3	14.8	33.2	36.7	17.2			
225	5.5	6.2	3.86	6.9	7.7	4.77	8.6	9.6	5.89	10.8	12.0	7.30	13.04	14.9	8.93	16.6	18.4	10.9	20.5	22.7	13.1	25.2	27.9	15.8	30.8	34.0	18.6	37.4	41.3	21.8			
250	6.2	7.0	4.83	7.7	8.6	5.92	9.6	10.7	7.30	11.9	13.2	8.93	14.8	16.4	11.0	18.4	20.4	13.4	22.7	25.1	16.2	27.9	30.8	19.4	34.2	37.8	23.0	41.5	45.8	27.0			
280	6.9	7.7	5.98	8.6	9.6	7.40	10.7	11.9	9.10	13.4	14.9	11.3	16.6	18.4	13.7	20.6	22.8	16.8	25.4	28.1	20.3	31.3	34.6	24.3	38.3	42.3	28.9	46.5	51.3	33.8			
315	7.7	8.6	7.52	9.7	10.8	9.37	12.1	13.5	11.6	15.0	16.6	14.2	18.7	20.7	17.4	23.2	25.7	21.2	28.6	31.6	25.6	35.2	36.9	30.8	43.1	47.6	36.5	52.3	57.7	42.7			
355	8.7	9.7	9.55	10.9	12.1	11.8	13.6	15.1	14.6	16.9	18.7	18.0	21.1	23.4	22.1	26.1	28.9	26.9	32.2	35.6	32.5	39.7	43.8	39.1	48.5	53.5	46.3	59.0	65.0	54.3			
400	9.8	10.9	12.1	12.3	13.7	15.1	15.3	17.0	18.6	19.1	21.2	22.9	23.7	26.2	28.0	29.4	32.5	34.1	36.3	41.1	41.3	44.7	49.3	49.6	54.7	60.3	58.8	66.5	73.3	68.9			
450	11.0	12.2	15.3	13.8	15.3	19.0	17.2	19.1	23.5	21.5	23.8	28.9	26.7	29.5	35.4	33.1	36.6	43.2	40.9	45.1	52.3	50.3	55.5	62.7	61.5	67.8	74.4	-	-	-			
500	12.3	13.7	19.0	15.3	17	23.4	19.1	21.2	28.9	23.9	26.4	35.7	29.7	32.8	43.8	36.8	40.6	53.3	45.4	50.1	64.5	55.8	61.5	77.3	68.3	75.3	91.8	-	-	-			
560	13.7	15.2	23.6	17.2	19.1	29.4	21.4	23.7	36.2	26.7	29.5	44.7	33.2	36.7	54.8	41.2	45.5	66.9	50.8	56.0	80.8	62.5	68.9	97.0	-	-	-	-	-	-			
630	15.4	17.1	29.9	19.3	21.4	37.1	24.1	26.7	45.9	30.0	33.1	56.4	37.4	41.3	69.4	46.3	51.1	84.6	57.2	63.1	102.0	70.0	77.5	122.5	-	-	-	-	-	-			