

3. DIN 8074 / 8075: 2011

Allowable working pressure of HDPE PIPE made of PE 80 ,Conveying water, Safety Factor C=1.25

Temperature (°C)	Year of Service	Allowable working pressure (Bar)									
		PN 3.2	PN 4	PN 6	PN 6.3	PN 8	PN 10	PN 12.5	PN 16	PN 20	PN 25
10	5	4.0	5.1	7.7	8.1	10.1	12.8	16.1	20.3	25.6	32.2
	10	4.0	5.0	7.6	8.0	10.0	12.6	15.9	20.0	25.2	31.8
	25	3.9	4.9	7.4	7.8	9.8	12.3	15.5	19.5	24.6	31.0
	50	3.8	4.7	7.2	7.6	9.5	12.0	15.1	19.0	24.0	30.2
	100	3.7	4.7	7.2	7.5	9.4	11.8	14.9	18.8	23.7	29.8
20	5	3.4	4.2	6.5	6.8	8.5	10.7	13.5	17.0	21.5	27.0
	10	3.3	4.1	6.3	6.6	8.3	10.4	13.1	16.5	20.8	26.2
	25	3.2	4.1	6.2	6.5	8.1	10.3	12.9	16.3	20.5	25.8
	50	3.2	4.0	6.0	6.4	8.0	10.0	12.5	16.0	20.0	25.0
	100	3.1	3.9	5.9	6.2	7.8	9.8	12.3	15.5	19.6	24.6
30	5	2.8	3.5	5.4	5.7	7.1	9.0	11.3	14.3	18.0	22.6
	10	2.8	3.5	5.3	5.6	7.0	8.8	11.1	14.0	17.7	22.2
	25	2.7	3.4	5.2	5.5	6.9	8.7	10.9	13.8	17.3	21.8
	50	2.7	3.4	5.1	5.4	6.7	8.5	10.7	13.5	17.0	21.4
40	5	2.4	3.0	4.7	4.9	6.1	7.7	9.7	12.3	15.4	19.5
	10	2.4	3.0	4.6	4.8	6.0	7.6	9.5	12.0	15.1	19.1
	25	2.3	2.9	4.5	4.7	5.9	7.4	9.3	11.8	14.8	18.7
	50	2.3	2.9	4.4	4.6	5.7	7.2	9.1	11.5	14.5	18.3
50	5	2.1	2.6	4.0	4.2	5.2	6.6	8.3	10.5	13.2	16.7
	10	2.0	2.5	3.9	4.1	5.1	6.4	8.1	10.2	12.9	16.3
	15	2.0	2.5	3.9	4.1	5.1	6.4	8.1	10.2	12.9	16.3
60	5	1.8	2.3	3.5	3.7	4.6	5.8	7.3	9.2	11.7	14.7
70	2	1.6	2.0	3.1	3.3	4.1	5.2	6.5	8.2	10.4	13.1

3. DIN 8074 / 8075: 2011

Allowable working pressure of HDPE PIPE made of PE 100 ,Conveying water, Safety Factor C=1.25

Temperature (°C)	Year of Service	Allowable working pressure (Bar)									
		PN 3.2	PN 4	PN 5	PN 6.3	PN 8	PN 10	PN 12.5	PN 16	PN 20	PN 25
10	5	3.9	5.0	6.3	7.9	10.0	12.5	15.8	19.9	25.1	31.6
	10	3.9	4.9	6.1	7.7	9.8	12.3	15.5	19.5	24.6	30.9
	25	3.8	4.8	6.0	7.6	9.6	12.0	15.2	19.1	24.1	30.3
	50	3.7	4.7	5.9	7.5	9.5	11.9	15.0	18.9	23.8	30.0
	100	3.7	4.6	5.8	7.3	9.3	11.7	14.7	18.5	23.3	29.4
20	5	3.3	4.2	5.3	6.6	8.4	10.5	13.3	16.7	21.0	26.5
	10	3.3	4.1	5.2	6.5	8.3	10.4	13.1	16.5	20.8	26.2
	25	3.2	4.0	5.1	6.4	8.1	10.1	12.8	16.1	20.3	25.6
	50	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	20.0	25.0
	100	3.1	3.9	4.9	6.1	7.8	9.8	12.3	15.5	19.5	24.6
30	5	2.8	3.5	4.4	5.6	7.1	8.9	11.2	14.1	17.8	22.4
	10	2.7	3.5	4.4	5.5	7.0	8.8	11.0	13.9	17.5	22.1
	25	2.7	3.4	4.3	5.4	6.9	8.6	10.9	13.7	17.3	21.8
	50	2.7	3.4	4.2	5.4	6.8	8.5	10.7	13.5	17.0	21.5
40	5	2.4	3.0	3.8	4.8	6.1	7.6	9.6	12.1	15.3	19.2
	10	2.3	3.0	3.7	4.7	6.0	7.5	9.5	11.9	15.0	18.9
	25	2.3	2.9	3.7	4.6	5.9	7.4	9.3	11.7	14.8	18.6
	50	2.3	2.9	3.6	4.6	5.8	7.3	9.1	11.5	14.5	18.3
50	5	2.1	2.6	3.3	4.2	5.3	6.6	8.3	10.5	13.3	16.7
	10	2.0	2.6	3.2	4.1	5.2	6.5	8.2	10.3	13.0	16.4
	15	2.0	2.6	3.2	4.1	5.2	6.5	8.2	10.3	13.0	16.4
60	5	1.8	2.3	2.9	3.6	4.6	5.7	7.2	9.1	11.5	14.5
70	2	1.6	2.1	2.6	3.3	4.2	5.2	6.6	8.3	10.5	13.2