

A drop for the greenery of the world



DINA POLYMER | Single-layer polyethylene pipes

Since 2007, Dina Polymer Safahan Company has been active in production of single - layer polyethylene pipes in the sizes of 16 to 315 mm and in the pressure range of 4 to 20 bars. Equipped with 10 production lines according to the latest European technology, the company has achieved an annual production capacity of over 33,000 tons.

■ Technical specifications

		Pressure range PN in bar							
PE 80	PN 5		PN 6		PN 8		PN 10		
PE 100	PN 6		PN 8		PN 10		PN 12,5		
		Pipes' head							
External diameter	SDR 26		SDR 21		SDR 17		SDR 13.6		
	S 12,5		S 10		S8		S 6.3		
(DN) mm	thickness (mm)	Pipe's weight per meter (kg/m)	thickness (mm)	Pipe's weight per meter (kg/m)	thickness (mm)	Pipe's weight per meter (kg/m)	thickness (mm)	Pipe's weight per meter (kg/m)	
16	---	---	---	---	---	---	---	---	
20	---	---	---	---	---	---	---	---	
25	---	---	---	---	---	---	2.0	0.150	
32	---	---	---	---	2.0	0.197	2.4	0.232	
40	---	---	2.0	0.250	2.4	0.295	3.0	0.356	
50	2.0	0.314	2.4	0.374	3.0	0.453	3.7	0.549	
63	2.5	0.494	3.0	0.580	3.8	0.721	4.7	0.873	
75	2.9	0.675	3.6	0.828	4.5	1.020	5.6	1.240	
90	3.5	0.978	4.3	1.180	5.4	1.460	6.7	1.770	
110	4.2	1.430	5.3	1.770	6.6	2.170	8.1	2.620	
125	4.8	1.840	6.0	2.270	7.4	2.760	9.2	3.370	
140	5.4	2.320	6.7	2.830	8.3	3.460	10.3	4.220	
160	6.2	3.040	7.7	3.720	9.5	4.520	11.8	5.500	
180	6.9	3.790	8.6	4.670	10.7	5.710	13.3	6.980	
200	7.7	4.690	9.6	5.780	11.9	7.050	14.7	8.560	
225	8.6	5.890	10.8	7.300	13.4	8.930	16.6	10.900	
250	9.6	7.300	11.9	8.930	14.8	11.000	18.4	13.400	
315	12.1	11.600	15.0	14.200	18.7	17.400	23.2	21.200	

■ Advantages

- Life expectancy between 50 to 100 years.
- Resistance to sudden pressure changes.
- Sound, temperature and electricity resistance.
- Mechanical strength despite low density.
- Corrosion and chemical effect resistance.
- Low weight and simple handling with the least number of fittings, leads to a fast, easy and cheap installation, with no leaking.
- Capability of being used in areas with unstable cortical tissue.
- Using modern European machineries in production process.
- Equipped with an accredited laboratory to perform some 23 tests.
- High reliability and insignificant failures against quakes in hazardous areas.
- Low friction coefficient and its constancy throughout the application period.

■ Certificates

- Product conformity certificate to International Standard DIN 8074: 2011 from IQS UK Compliance Certificate.
- Product conformity certificate to International Standard EN 1555: 2010 of IQS UK.
- Certificate of Compliance with Russian Standards for Pipelines and Fittings by Water and Gas
- Supply.
- ISO 9001: 2008 Quality Management Certificate from LLC-CERTIFICATION.
- Membership of Polyethylene Pipes and Fittings Producers.



PE Pipe (PE 80 - 4 atm)

Code	Size (mm)	Meter
22120	50	6 - Tube
22140	63	6 - Tube
22160	75	6 - Tube
22180	90	6 - Tube
22200	110	6 - Tube
22220	125	6 - Tube
22240	160	12 - Tube
22260	200	12 - Tube
22280	250	12 - Tube
22300	315	12 - Tube
22320	355	12 - Tube
22340	400	12 - Tube



PE Pipe (PE 80 - 5 atm)

Code	Size (mm)	Meter
23100	40	6 - Tube
23120	50	6 - Tube
23140	63	6 - Tube
23160	75	6 - Tube
23180	90	6 - Tube
23200	110	6 - Tube
23220	125	6 - Tube
23240	160	12 - Tube
23260	200	12 - Tube
23280	250	12 - Tube
23300	315	12 - Tube
23320	355	12 - Tube
23340	400	12 - Tube

PE Pipe (PE 80 - 6 atm)

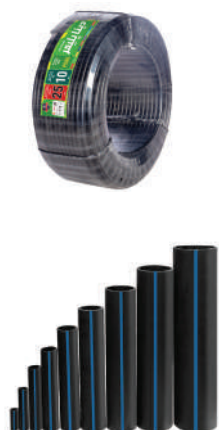
Code	Size (mm)	Meter
24100	40	100 - Roll
24120	50	100 - Roll
24140	63	100 - Roll
24160	75	100 - Roll
24180	90	100 - Roll
24200	110	100 - Roll
24220	125	100 - Roll
24240	160	12 - Tube
24260	200	12 - Tube
24280	250	12 - Tube
24300	315	12 - Tube
24320	355	12 - Tube
24340	400	12 - Tube



PE Pipe (PE 80 - 8 atm)

Code	Size (mm)	Meter
26080	32	150 - Roll
26100	40	100 - Roll
26120	50	100 - Roll
26140	63	100 - Roll
26160	75	100 - Roll
26180	90	100 - Roll
26200	110	100 - Roll
26220	125	100 - Roll
26240	160	12 - Tube
26260	200	12 - Tube
26280	250	12 - Tube
26300	315	12 - Tube
26320	355	12 - Tube
26340	400	12 - Tube





PE Pipe (PE 80 - 16 atm)

Code	Size (mm)	Meter
34040	20	200 - Roll
34060	25	200 - Roll
34080	32	150 - Roll
34100	40	100 - Roll
34120	50	100 - Roll
34140	63	100 - Roll
34160	75	100 - Roll
34180	90	12 - Tube
34200	110	12 - Tube
34220	125	12 - Tube
34240	160	12 - Tube
34260	200	12 - Tube
34280	250	12 - Tube
34300	315	12 - Tube
34320	355	12 - Tube
34340	400	12 - Tube

PE Pipe (PE 80 - 20atm)



Code	Size (mm)	Meter
36040	20	200 - Roll
36060	25	200 - Roll
36080	32	150 - Roll
36100	40	100 - Roll
36120	50	100 - Roll
36140	63	100 - Roll
36160	75	12 - Tube
36180	90	12 - Tube
36200	110	12 - Tube
36220	125	12 - Tube
36240	160	12 - Tube
36260	200	12 - Tube
36280	250	12 - Tube
36300	315	12 - Tube
36320	355	12 - Tube
36340	400	12 - Tube

PE Pipe (PE 80 - 10 atm)

Code	Size (mm)	Meter
28060	25	200 - Roll
28080	32	150 - Roll
28100	40	100 - Roll
28120	50	100 - Roll
28140	63	100 - Roll
28160	75	100 - Roll
28180	90	100 - Roll
28200	110	100 - Roll
28220	125	100 - Roll
28240	160	12 - Tube
28260	200	12 - Tube
28280	250	12 - Tube
28300	315	12 - Tube
28320	355	12 - Tube
28340	400	12 - Tube



PE Pipe (PE 80 - 12.5 atm)

Code	Size (mm)	Meter
32040	20	200 - Roll
32060	25	200 - Roll
32080	32	150 - Roll
32100	40	100 - Roll
32120	50	100 - Roll
32140	63	100 - Roll
32160	75	100 - Roll
32180	90	100 - Roll
32200	110	12 - Tube
32220	125	12 - Tube
32240	160	12 - Tube
32260	200	12 - Tube
32280	250	12 - Tube
32300	315	12 - Tube
32320	355	12 - Tube
32340	400	12 - Tube



PE Pipe (PE 100 - 8 atm)



Code	Size (mm)	Meter
46100	40	100 - Roll
46120	50	100 - Roll
46140	63	100 - Roll
46160	75	100 - Roll
46180	90	100 - Roll
46200	110	100 - Roll
46220	125	100 - Roll
46240	160	12 - Tube
46260	200	12 - Tube
46280	250	12 - Tube
46300	315	12 - Tube
46320	355	12 - Tube
46340	400	12 - Tube

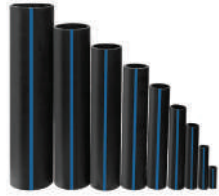
PE Pipe (PE 100 - 10 atm)



Code	Size (mm)	Meter
48080	32	150 - Roll
48100	40	100 - Roll
48120	50	100 - Roll
48140	63	100 - Roll
48160	75	100 - Roll
48180	90	100 - Roll
48200	110	100 - Roll
48220	125	100 - Roll
48240	160	12 - Tube
48260	200	12 - Tube
48280	250	12 - Tube
48300	315	12 - Tube
48320	355	12 - Tube
48340	400	12 - Tube

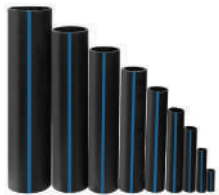
PE Pipe (PE 100 - 5 atm)

Code	Size (mm)	Meter
43100	40	6 - Tube
43120	50	6 - Tube
43140	63	6 - Tube
43160	75	6 - Tube
43180	90	6 - Tube
43200	110	6 - Tube
43220	125	6 - Tube
43240	160	12 - Tube
43260	200	12 - Tube
43280	250	12 - Tube
43300	315	12 - Tube
43320	355	12 - Tube
43340	400	12 - Tube



PE Pipe (PE 100 - 6 atm)

Code	Size (mm)	Meter
44100	40	6 - Tube
44120	50	6 - Tube
44140	63	6 - Tube
44160	75	6 - Tube
44180	90	6 - Tube
44200	110	6 - Tube
44220	125	6 - Tube
44240	160	12 - Tube
44260	200	12 - Tube
44280	250	12 - Tube
44300	315	12 - Tube
44320	355	12 - Tube
44340	400	12 - Tube



PE Pipe (PE 100 - 20 atm)

Code	Size (mm)	Meter
49040	20	200 - Roll
49060	25	200 - Roll
49080	32	150 - Roll
49100	40	100 - Roll
49120	50	100 - Roll
49140	63	100 - Roll
49160	75	100 - Roll
76180	90	12 - Tube
76200	110	12 - Tube
76220	125	12 - Tube
76240	160	12 - Tube
76260	200	12 - Tube
76280	250	12 - Tube
76300	315	12 - Tube
76320	355	12 - Tube
76340	400	12 - Tube



PE Pipe (PE 100 - 25 atm)

Code	Size (mm)	Meter
77040	20	200 - Roll
77060	25	200 - Roll
77080	32	150 - Roll
77100	40	100 - Roll
77120	50	100 - Roll
77140	63	100 - Roll
77160	75	12 - Tube
77180	90	12 - Tube
77200	110	12 - Tube
77220	125	12 - Tube
77240	160	12 - Tube
77260	200	12 - Tube
77280	250	12 - Tube
77300	315	12 - Tube
77320	355	12 - Tube
77340	400	12 - Tube



PE Pipe (PE 100 - 12.5 atm)

Code	Size (mm)	Meter
72060	25	200 - Roll
72080	32	150 - Roll
72100	40	100 - Roll
72120	50	100 - Roll
72140	63	100 - Roll
72160	75	100 - Roll
72180	90	100 - Roll
72200	110	100 - Roll
72220	125	100 - Roll
72240	160	12 - Tube
72280	250	12 - Tube
72300	315	12 - Tube
72320	355	12 - Tube
72340	400	12 - Tube



PE Pipe (PE 100 - 16 atm)

Code	Size (mm)	Meter
74040	20	200 - Roll
74060	25	200 - Roll
74080	32	150 - Roll
74100	40	100 - Roll
74120	50	100 - Roll
74140	63	100 - Roll
74160	75	100 - Roll
74180	90	100 - Roll
74200	110	12 - Tube
74220	125	12 - Tube
74240	160	12 - Tube
74260	200	12 - Tube
74280	250	12 - Tube
74300	315	12 - Tube
74320	355	12 - Tube
74340	400	12 - Tube

