

EN1555-2: Plastics piping systems for the supply of gaseous fuels-Polyethylene (PE)- Part 2: Pipes

Safety Factor: C=2.0

Dimensions in Millimetres

Nominal Out-side Diameter DN/OD	Mean Outside Diameter dem		Maximum out of roundness for straight pipes ^{b c}	PE80 Material		PE100 Material			
				SDR11/ PN4 Bar		SDR17.6/ PN4 Bar		SDR11/ PN10 Bar	
	Min.	Max. ^a		T.(mm)	Weight (kg/m)	T.(mm)	Weight (kg/m)	T.(mm)	Weight (kg/m)
16	16	16.3	1.2	-	-	-	-	-	-
20	20	20.3	1.2	2.3	0.12	2.3	0.13	3.0	0.16
25	25	25.3	1.2	2.3	0.15	2.3	0.17	3.0	0.21
32	32	32.3	1.3	2.9	0.27	2.3	0.22	3.0	0.28
40	40	40.4	1.4	3.7	0.43	2.3	0.28	3.7	0.43
50	50	50.4	1.4	4.6	0.67	2.9	0.44	4.6	0.67
63	63	63.4	1.5	5.8	1.05	3.9	0.69	5.8	1.06
75	75	75.5	1.6	6.8	1.47	4.3	0.98	6.8	1.48
90	90	90.6	1.8	8.2	2.12	5.2	1.39	8.2	2.13
110	110	110.7	2.2	10.0	3.14	6.3	2.08	10.0	3.18
125	125	125.8	2.5	11.4	4.08	7.1	2.67	11.4	4.11
140	140	140.9	2.8	12.7	5.08	8.0	3.36	12.7	5.14
160	160	161.0	3.2	14.6	6.67	9.1	4.35	14.6	6.81
180	180	181.1	3.6	16.4	8.42	10.3	5.56	16.4	8.49
200	200	201.2	4.0	18.2	10.40	11.4	6.79	18.2	10.50
225	225	226.4	4.5	20.5	13.10	12.8	8.60	20.5	13.26
250	250	251.5	5.0	22.7	16.20	14.2	10.63	22.7	16.37
280	280	282.6	9.8	25.4	20.30	15.9	13.29	25.4	20.43
315	315	317.9	11.1	28.6	25.60	17.9	61.82	28.6	25.90
355	355	358.2	12.5	32.2	32.50	20.2	21.41	32.2	32.85
400	400	403.6	14.0	36.3	41.30	22.8	27.20	36.3	41.80
450	450	454.1	15.6	40.9	52.30	25.6	34.40	40.9	52.96
500	500	504.5	17.5	45.4	64.50	28.4	42.45	45.4	66.15
560	560	565.0	19.6	50.8	80.80	31.9	53.20	50.8	81.53
630	630	633.8	22.1	57.2	102.00	35.8	67.35	57.2	103.30

Max. ^a Grade B according to ISO11922-1

Maximum out of roundness for straight pipes ^{b c}

measurement of out-of-roundness shall be made at the point of manufacturing.

If other values for the out-of- roundness than those given in this table are necessary(eg coiled pipes), they shall be agreed between the manufacturer and the end user.

Other size on request.

Color: Black with yellow lines or Yellow.