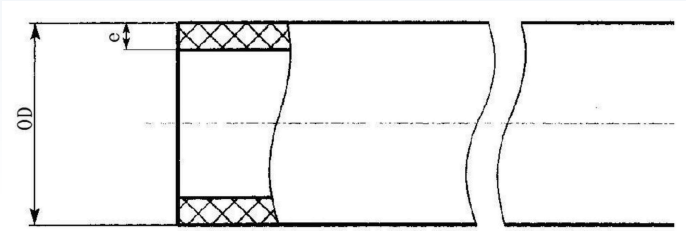
PE100 PE Pipe for Gas

Gas Pipe System



- Material grade PE100, MRS 10 MPa
- SDR17 up to 0.62 MPa; SDR11 up to 1.0 MPa
- Nominal outside diameter dn32–dn630
- For gas pipe systems

TECHNICAL PARAMETERS

Nominal OD **dn32–dn630**	Material Grade **PE100**
Wall Thickness Series **SDR17 / SDR11**	Medium **Natural gas / LPG / Manufactured gas**
Working Pressure **SDR17 ≤0.62 MPa; SDR11 ≤1.0 MPa**	
Length per Coil **—**	Colour **—**
Design Factor **C≥2**	Design Standard **GB15558.1 / CJJ63**
MOP **MOP = 2×MRS / (C×(SDR−1))**	

PE100 GAS PIPE DIMENSIONS

OD (mm)	SDR17 Wall e (mm)	SDR17 Weight (kg/m)	SDR11 Wall e (mm)	SDR11 Weight (kg/m)
32	3.0	0.285	3.0	0.285
40	3.0	0.364	3.7	0.441
50	3.0	0.463	4.6	0.683
63	3.8	0.737	5.8	1.080
90	5.4	1.496	8.2	2.185
110	6.6	2.226	10.0	3.240
160	9.5	4.653	14.6	6.877
200	11.9	7.263	18.2	10.718
250	14.8	11.289	22.7	16.685
315	18.7	17.961	28.6	26.479
355	21.1	22.860	32.2	33.614
400	23.7	28.890	36.4	42.774
450	26.7	36.601	40.9	54.038
500	29.7	45.225	45.5	66.803
560	33.2	56.656	50.9	83.673
630	37.4	71.757	57.3	105.994

Common sizes shown; full range on request.