

Wall thicknesses of Polyethylene Irrigation pipe According To ISO8779

	Pipe series											
	SDR9		SDR11		SDR13.6		SDR17		SDR21		SDR26	
	Pressure class (PC) , bar											
PE32	PN6		PN5		PN4		PN3.2		PN2.5			
PE40	PN8		PN6		PN5		PN4		PN3.2		PN2.5	
Nominal Size	Wall thicknesses τ (mm)											
	e_{min}	e_{max}	e_{min}	e_{max}	e_{min}	e_{max}	e_{min}	e_{max}	e_{min}	e_{max}	e_{min}	e_{max}
12	1.4	1.7	1.1	1.4	-	-	-	-	-	-	-	-
16	1.8	2.1	1.5	1.8	1.2	1.5	1.0	1.3	-	-	-	-
20	2.3	2.7	1.9	2.3	1.5	1.8	1.2	1.5	1.0	1.3	-	-
25	2.8	3.2	2.3	2.7	1.9	2.3	1.5	1.8	1.2	1.5	1.0	1.3
32	3.6	4.1	2.9	3.3	2.4	2.8	1.9	2.2	1.6	1.9	1.3	1.6

a- In accordance with ISO11922-1,grade V

Mean outside diameters and out- of - roundness

Nominal size DN/OD	Nominal outside diameter	Mean outside diameter ^a		maximum out- of - roundness (ovality) ^{b c}
	d_n	$d_{em,min}$	$d_{em,max}$	
12	12	12	12.3	1.2
16	16	16	16.3	1.2
20	20	20	20.3	1.2
25	25	25	25.3	1.2
32	32	32	32.3	1.3

a- In accordance with ISO11922-1,grade A

b- In accordance with ISO11922-1,grade N

c- For coiled pipe ,the manufacturer and purchaser shall come to an agreement on the maximum out - of - roundness.