

Technical data for multi-layer pipe

Details depending on the nominal diameter

ND [mm]	OD [mm]	WT [mm]	IN [mm]	g/m	g/m with Water	l/m	coil	Length of coil max [m]	Lengths bis 5m
11,6 X 1,50	11,60	1,50	8,00	58	116	0,058	X	500	
12 X 1,50	12,00	1,50	9,00	61	121	0,061	X	500	
14 X 1,60	14,00	1,60	11,00	74	164	0,092	X	500	
14 X 2,00	14,00	2,00	10,00	88	165	0,079	X	500	
15 X 1,60	15,00	1,60	12,00	80	193	0,113	X	500	
16 X 2,00	16,00	2,00	12,00	104	216	0,113	X	500	X
17 X 2,00	17,00	2,00	13,00	111	242	0,133	X	500	X
18 X 2,00	18,00	2,00	14,00	120	273	0,154	X	400	X
20 X 2,00	20,00	2,00	16,00	138	334	0,201	X	400	X
20 X 2,25	20,00	2,25	15,50	146	336	0,189	X	400	X
25 X 2,50	25,00	2,50	20,00	214	526	0,314	X	280	X
26 X 3,00	26,00	3,00	20,00	250	565	0,314	X	150	X
32 X 3,00	32,00	3,00	26,00	330	863	0,531	X	100	X
40 X 4,00	40,00	4,00	32,00	507	1310	0,803			X
50 X 4,50	50,00	4,50	41,00	740	2060	1,320			X
63 X 6,00	63,00	6,00	51,00	1220	3262	2,042			X
75 X 7,50	75,00	7,50	60,00	1778	4615	2,827			X

Technical modifications subject to change.

General technical data

Type of pipe	11,6 x 1,50 12,0 x 1,50	14 x 1,60 15 x 1,60	14 x 2,00 16 x 2,00 17 x 2,00 18 x 2,00 20 x 2,00	20 x 2,25 25 x 2,50 26 x 3,00 32 x 3,00	40 x 4,00 50 x 4,50	63 x 6,00 75 x 7,50
Thermal conductivity in W/m*K (1)	0,42		0,42		0,42	
Coefficient of expansion in mm/m*K	0,025		0,025		0,025	
Oxygen diffusion in mg/l*d	0,000		0,000		0,000	
Max. operating temperature in °C	60		70		70	
Max. operating pressure in bar	6		10		10	
Max. temperature in °C	60		95 ⁽⁴⁾		95 ⁽⁴⁾	
Short time, max. incident temperature in °C	95		110		110	
Bending radius, bent freely	(2)		(2)			
Bending radius, bent with bending tool	(3)		(3)			
Building material category, normally inflammable in line with DIN 4102	B2		B2		B2	

(1) average value (2) $5 \times d_a$ (mm) (3) $4 \times d_a$ (mm); all values are approximate values

(4) Maximum operating pressure: 10 bar at a constant operating temperature of 70°C, tested long-time pressure strength of 50 years, safety factor: 1,5

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