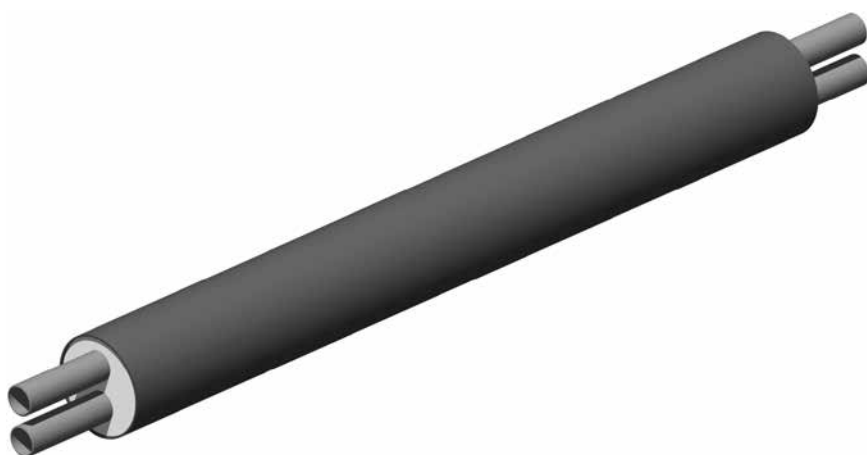


# District heating pipe – DUO

Medium pipes, pre-insulated in the factory, with plastic casing pipe and 200 mm free pipe ends.

Key features of double pipes are: reduced heat loss, less outlay on underground construction work and faster completion times than single pipes. The temperature difference between the medium pipes causes stresses within the system. This results in additional static requirements which must be considered during installation.



Nominal width	Steel pipe d	Wall thickness s	Distance x	PE casing pipe						delivery lengths			Volume Inner pipe l/m
				D DS1	kg/m	D DS2	kg/m	D DS3	kg/m	6 m	12 m	16 m	
DN	mm	mm	mm	mm	kg/m	mm	kg/m	mm	kg/m				
20	26.9	2.6	19	125	4.9	140	5.3	160	5.7	•			2 x 0.37
25	33.7	2.6	19	140	6.1	160	6.6	180	7.1	•			2 x 0.64
32	42.4	2.6	19	160	7.6	180	8.2	200	8.8	•	•		2 x 1.02
40	48.3	2.6	19	160	8.3	180	8.9	200	9.5	•	•		2 x 1.38
50	60.3	2.9	20	200	11.8	225	12.6	250	13.7	•	•		2 x 2.28
65	76.1	2.9	20	225	14.8	250	15.7	280	17.5	•	•		2 x 3.82
80	88.9	3.2	25	250	18.5	280	19.7	315	22.0	•	•		2 x 5.35
100	114.3	3.6	25	315	27.5	355	29.5	400	32.8	•	•	•	2 x 9.01
125	139.7	3.6	30	400	36.6	450	39.7	500	44.4	•	•	•	2 x 13.8
150	168.3	4.0	40	450	47.3	500	50.7	560	57.2	•	•	•	2 x 20.2
200	219.1	4.5	45	560	70.3	630	76.2	710	86.9	•	•	•	2 x 34.7

x = clear distance between medium pipes