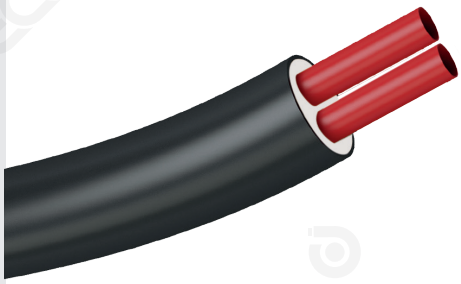

PIPELINES PN 6 – DUO

ECOPEX® DUO - HEATING PN 6 – STANDARD INSULATION

Type [mm]	PE-Xa Pipe				PE Casing		Minimum bending radius [m]	Pipe weight [kg/m]	Fluid Content [l/m]	Roll maximum length (*) [m]
	DN/ inches	d_{int} [mm]	s [mm]	d_{ext} [mm]	D_e [mm]	s_p [mm]				
25+25/90	20+20 - 2x3/4"	20,4	2,3	25	90	3,0	0,80	1,40	0,65	715
32+32/110	25+25 - 2x1"	26,2	2,9	32	110	3,0	0,85	1,90	1,08	375
40+40/125	32+32 - 2x1" 1/4	32,6	3,7	40	125	3,0	0,90	2,40	1,67	340
50+50/160	40+40 - 2x1" 1/2	40,8	4,6	50	160	3,0	1,00	3,80	2,61	149
63+63/180	50+50 - 2x2"	51,4	5,8	63	180	3,0	1,20	4,80	4,15	86
75+75/200	65+65 - 2x2" 1/2	61,4	6,8	75	200	3,0	1,30	6,25	5,92	75

Note (*): Production tolerance +/- 5%. The maximum length corresponding to a roll with a width of 1,2 metres and outer diameter of 2,8 metres.

HEAT LOSSES ECOPEX® DUO PIPELINES - HEATING USE PN 6 – STANDARD INSULATION

DN	U [W/(mK)]	AVERAGE OPERATING TEMPERATURE [°C]				
		40	50	60	70	80
20	0,191	5,74	7,66	9,57	11,49	13,40
25	0,197	5,92	7,89	9,86	11,83	13,80
32	0,224	6,72	8,95	11,19	13,43	15,67
40	0,209	6,28	8,37	10,46	12,56	14,65
50	0,251	7,54	10,06	12,57	15,09	17,60
65	0,290	8,69	11,59	14,49	17,39	20,28

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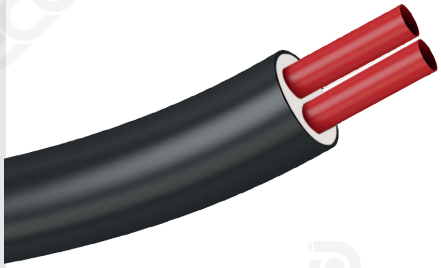

PIPELINES PN 6 - DUO

ECOPEX® DUO - HEATING PN 6 - PLUS INSULATION

Type [mm]	PE-Xa Pipe				PE Casing		Minimum bending radius [m]	Pipe weight [kg/m]	Fluid Content [l/m]	Roll maximum length (*) [m]
	DN/ inches	d_{int} [mm]	s [mm]	d_{ext} [mm]	D_e [mm]	s_p [mm]				
25+25/110	20+20 - 2x3/4"	20,4	2,3	25	110	3,0	0,75	1,91	0,65	375
32+32/125	25+25 - 2x1"	26,2	2,9	32	125	3,0	1,20	2,49	1,08	340
40+40/140	32+32 - 2x1" 1/4	32,6	3,7	40	140	3,0	1,20	3,28	1,67	225
50+50/180	40+40 - 2x1" 1/2	40,8	4,6	50	180	3,0	1,30	5,05	2,61	86
63+63/200	50+50 - 2x2"	51,4	5,8	63	200	3,0	1,40	5,90	4,15	75

Note (*): Production tolerance +/- 5%. The maximum length corresponding to a roll with a width of 1,2 metres and outer diameter of 2,8 metres.

HEAT LOSSES ECOPEX® DUO PIPELINES - HEATING USE PN 6 – STANDARD INSULATION

DN	U [W/(mK)]	AVERAGE OPERATING TEMPERATURE [°C]				
		40	50	60	70	80
20	0,148	4,44	5,92	7,39	8,87	10,35
25	0,165	4,96	6,61	8,26	9,91	11,57
32	0,187	5,60	7,47	9,33	11,20	13,07
40	0,176	5,29	7,05	8,81	10,57	12,34
50	0,220	6,60	8,80	11,00	13,20	15,40