

PIPELINES PN 10 - UNO



ECOPEX® UNO - SANITARY PN 10 – 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]				
20/75	15 - 5/8"	14,4	2,8	20	75	3,0	0,80	0,96	0,16	1000
*25/75	20 - 3/4"	18	3,5	25	75	3,0	0,80	1,00	0,25	1000
32/75	25 - 1"	23,2	4,4	32	75	3,0	0,80	1,10	0,42	1000
40/90	32 - 1" 1/4	29	5,5	40	90	3,0	0,80	1,80	0,66	715
50/110	40 - 1" 1/2	36,2	6,9	50	110	3,0	0,85	2,20	1,03	715
63/125	50 - 2"	45,6	8,7	63	125	3,0	0,90	3,00	1,63	340

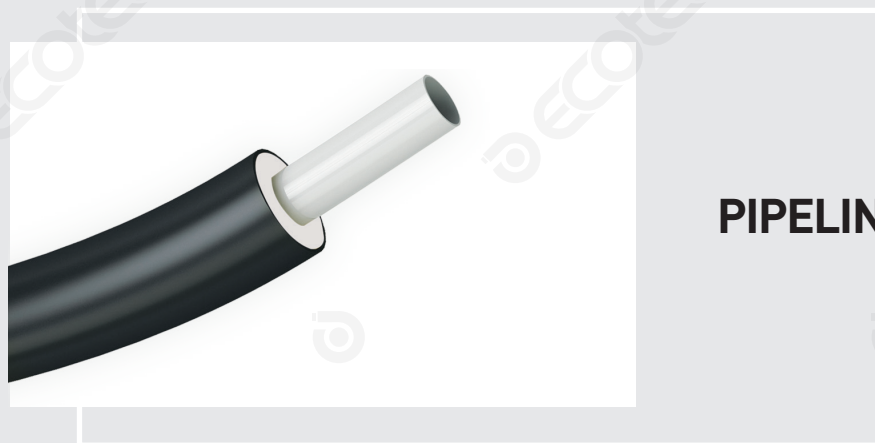
* The diameter is approximate. Alternatively Ø 22x3,0 o 28x4,0

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 OF ECOPEX® UNO PIPELINES - SANITARY USE PN 10 – STANDARD INSULATION

DN	U [W/(mK)]	AVERAGE OPERATING TEMPERATURE [°C]				
		40	50	60	70	80
15	0,138	4,14	5,52	6,90	8,28	9,66
20	0,163	4,89	6,52	8,15	9,77	11,40
25	0,204	6,11	8,15	10,19	12,23	14,26
32	0,211	6,34	8,46	10,57	12,68	14,80
40	0,216	6,47	8,63	10,79	12,95	15,11
50	0,243	7,28	9,70	12,13	14,55	16,98

PIPELINES PN 10 - UNO



ECOPEX® UNO - SANITARY PN 10 - 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]				
20/90	15 - 5/8"	14,4	2,8	20	90	3,0	0,80	1,10	0,16	715
*25/90	20 - 3/4"	18	3,5	25	90	3,0	0,80	1,15	0,25	715
32/90	25 - 1"	23,2	4,4	32	90	3,0	0,80	1,19	0,42	715
40/110	32 - 1" 1/4	29	5,5	40	110	3,0	0,85	1,76	0,66	375
50/125	40 - 1" 1/2	36,2	6,9	50	125	3,0	0,90	2,41	1,03	340
63/140	50 - 2"	45,6	8,7	63	140	3,0	1,00	3,25	1,63	225

* The diameter is approximate. Alternatively, Ø 22x3,0 o 28x4,0

Nota (*): 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 OF THE ECOPEX® UNO PIPELINES - SANITARY USE PN 10 - PLUS INSULATION

DN	U [W/(mK)]	AVERAGE OPERATING TEMPERATURE [°C]				
		40	50	60	70	80
15	0,122	3,67	4,89	6,11	7,33	8,56
20	0,141	4,24	5,66	7,07	8,49	9,90
25	0,171	5,14	6,85	8,56	10,27	11,99
32	0,174	5,22	6,96	8,71	10,45	12,19
40	0,190	5,69	7,59	9,48	11,38	13,28
50	0,213	6,40	8,53	10,67	12,80	14,94