



Productdata Inpipe Liner

Thank you for choosing Inpipe Liner

In this list, we have compiled calculation and installation information necessary for you as an installer / customer. Below is an explanation of how to interpret the information in the fields.

Dim. Ø (mm)	Product name	Max outer Ø liner (mm)	Maximum outer diameter that the liner may have after installation so as not to risk overexpansion
SN class	SN class short time	Weight / meter [kg/m]	Weight of liner per meter
E-modulus MPa	Characteristic E module	Max length WIP	Maximum production length on WIP liner.
Inner Ø liner at start (mm)	Liner size from start. For choosing the right size of stos / bend.	Max length INV	Maximum production length of INV liner. The value within "()" specifies the max length that guaranteed with Inpipe installation equipment
Avrage wall thick. e (mm)	Characteristic average thickness of liner	Installation prepared (mm)	During installation preparation, the liner is adapted at the end for easy mounting on Inpipe bends / end cans.
Min outer Ø liner (mm)	Minimum outer diameter that the liner must have installation to avoid grooves on the pipe inner wall	Chart Bend / stos	For the choice of bend, end can and light train leg see Table 4 (INV liner) and Table 5 (WIP liner) in the current Inpipe installation manual.

For other installation criteria, see the current Inpipe Installation Manual.
If you have any questions, you are welcome to contact Inpipe.



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Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
150	SN7	10500	128	110	3,0	144	150	3,0	150	60 (150)	150 / Ventil*
200	SN3	10500	167	148	3,0	184	200	3,8	170	150 (200)	200/225 / Ventil*
225	SN3	10500	200	183	3,4	220	225	4,3	245	160 (250)	200/225 / Ventil*
230	SN3	10500	200	183	3,5	220	230	5,0	210	160 (250)	200/225 / Ventil*
250	SN1	10500	220	202	3,0	236	250	5,0	220	160 (250)	250 / Ventil*
300	SN1	10500	265	253	3,2	284	300	5,7	245	160 (250)	300 / Ventil*
350	SN1	11000	315	291	3,6	337	350	8,0	150	140 (150)	300 / Ventil*
375	SN1	11000	340	320	3,9	363	375	8,5	170	160 (170)	300 / Ventil*
400	SN1	11250	360	342	4,1	385	400	10,0	170	160 (170)	300 / Ventil*
450	SN1	11500	405	387	4,6	433	450	13,1	140	120 (150)	300 / Ventil*
500	SN1	12000	435	418	5,2	480	500	14,6	200	150 (170)	300 / 300
550	SN1	12000	460	455	5,5	492	550	18,2	120		300 / 300
600	SN1	12000	540	535	6,0	585	600	20,7	160		506 / 506
700	SN1	12500	630	623	6,9	673	700	28,5	110		506 / 506
750	SN1	13000	660	671	7,3	690	750	31,7	110		506-640 / 640
800	SN1	13300	663	670	7,7	743	800	35,6	100		506-640 / 640
900	SN1	13500	663	667	8,6	744	900	45,7	100		506-640 / 640
1000	SN1	14500	889	889	9,3	946	1000	52,4	90		506-640 / 640
1100	SN1	16000	899	899	10,1	1100	1100	69,6	70		506-700 / 700
1200	SN1	16000	899	899	10,9	1200	1200	80,4	70		506-700 / 700
1300	SN1	17000	1090	899	11,5	1300	1300	88,5	70		506-700 / 700
1400	SN0,8	17000	1090	1096	11,5	1400	1400	99,6	70		506-900 / 900
1500	SN0,65	17000	1090	1096	11,5	1500	1500	102,2	70		506-900 / 900
1600	SN0,53	17000	1090	1045	11,5	1600	1600	112,7	70		506-900 / 900
1700	SN0,44	17000	1090	1039	11,5	1700	1700	118,5	70		506-900 / 900
1800	SN0,37	17000	1090	1039	11,5	1800	1800	132,0	70		506-900 / 900

* Valve holder pre mounted.



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Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
150	SN7	10500	128	110	3,0	144	150	3,0	150	60 (150)	150 / Ventil*
200	SN3	10500	167	148	3,0	184	200	3,8	170	150 (200)	200/225 / Ventil*
225	SN3	10500	200	183	3,4	220	225	4,3	245	160 (250)	200/225 / Ventil*
230	SN3	10500	200	183	3,5	220	230	5,0	210	160 (250)	200/225 / Ventil*
250	SN2	10500	216	202	3,3	238	250	5,4	220	160 (250)	250 / Ventil*
300	SN2	11000	265	253	3,9	285	300	7,0	245	160 (250)	300 / Ventil*
350	SN2	11250	315	288	4,5	339	350	9,4	150	140 (150)	300 / Ventil*
375	SN2	11500	340	313	4,8	365	375	10,5	170	160 (170)	300 / Ventil*
400	SN2	11500	360	345	5,0	387	400	11,7	170	160 (170)	300 / Ventil*
450	SN2	12000	405	387	5,6	437	450	14,6	140	120 (150)	300 / Ventil*
500	SN2	12500	435	415	6,2	480	500	17,5	200	150 (170)	300 / 300
550	SN2	12500	460	455	6,8	494	550	21,3	120		300 / 300
600	SN2	13000	540	535	7,3	585	600	25,0	160		506 / 506
700	SN2	13500	630	623	8,5	675	700	33,0	110		506 / 506
750	SN2	14500	630	671	9,0	690	750	34,6	110		506-640 / 640
800	SN2	14500	740	663	9,4	745	800	41,8	70		506-640 / 640
900	SN2	16000	830	648	10,2	748	900	50,8	70		506-640 / 640
1000	SN2	17000	889	884	11,2	950	1000	61,5	70		506-640 / 640

* Valve holder pre mounted.



Productdata Inpipe Liner

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
150	SN7	10500	128	110	3,0	144	150	3,0	150	60 (150)	150 / Ventil*
200	SN3	10500	167	148	3,0	184	200	3,8	170	150 (200)	200/225 / Ventil*
225	SN3	10500	200	183	3,4	220	225	4,3	245	160 (250)	200/225 / Ventil*
230	SN3	10500	200	183	3,5	220	230	5,0	210	160 (250)	200/225 / Ventil*
250	SN3	11000	220	202	3,7	238	250	5,4	220	160 (240)	250 / Ventil*
300	SN3	11250	265	253	4,4	290	300	7,8	245	160 (230)	300 / Ventil*
350	SN3	12000	311	288	5,1	337	350	10,4	130	140 (150)	300 / Ventil*
375	SN3	12000	340	313	5,4	367	375	11,5	170	160 (170)	300 / Ventil*
400	SN3	12000	360	342	5,7	388	400	13,0	170	160 (170)	300 / Ventil*
450	SN3	12500	405	387	6,4	436	450	16,0	140	120 (150)	300 / Ventil*
500	SN3	13000	435	415	7,1	480	500	20,0	200	150 (170)	300 / 300
550	SN3	13300	460	455	7,6	496	550	23,8	120		300 / 300
600	SN3	13500	540	535	8,3	590	600	27,8	160		506 / 506
700	SN3	14500	630	623	9,4	685	700	37,0	110		506 / 506
750	SN3	14500	630	671	10,1	690	750	44,6	110		506-640 / 640
800	SN3	16000	740	663	10,4	747	800	47,3	70		506-640 / 640
900	SN3	17000	830	648	11,5	760	900	56,8	70		506-640 / 640

* Valve holder pre mounted.



Productdata Inpipe Liner

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
150	SN7	10500	128	110	3,0	144	150	3,0	150	60 (150)	150 / Ventil*
200	SN5	10500	167	148	3,5	185	200	4,2	170	150 (200)	200/225 / Ventil*
225	SN5	11000	200	183	3,9	220	225	5,1	245	160 (230)	200/225 / Ventil*
230	SN5	11000	200	183	4,0	220	230	5,3	210	160 (220)	200/225 / Ventil*
250	SN4	11250	220	202	4,1	238	250	6,1	220	160 (210)	250 / Ventil*
300	SN4	11500	265	246	4,8	290	300	8,5	245	160 (220)	300 / Ventil*
350	SN4	12000	311	288	5,5	336	350	11,5	130	140 (150)	300 / Ventil*
375	SN4	12000	340	307	5,9	368	375	13,0	170	130 (160)	300 / Ventil*
400	SN4	12500	360	342	6,2	389	400	14,3	170	130 (160)	300 / Ventil*
450	SN4	12500	405	387	7,0	438	450	17,4	140	120 (150)	300 / Ventil*
500	SN4	13300	435	415	7,6	480	500	21,6	200	150 (170)	300 / 300
550	SN4	13500	460	455	8,3	498	550	25,9	120		300 / 300
600	SN4	14500	540	535	9,0	585	600	30,2	160		506 / 506
700	SN4	14500	630	625	10,1	678	700	39,3	110		506 / 506
750	SN4	16000	630	671	10,7	690	750	47,0	110		506-640 / 640
800	SN4	17000	740	654	11,3	748	800	50,0	70		506-640 / 640

* Valve holder pree mounted.



Productdata Inpipe Liner

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
150	SN7	10500	128	110	3,0	144	150	3,0	150	60 (150)	150 / Ventil*
200	SN5	10500	167	151	3,5	185	200	4,2	170	150 (200)	200/225 / Ventil*
225	SN5	11000	200	183	3,9	220	225	5,1	245	160 (230)	200/225 / Ventil*
230	SN5	11000	200	183	4,0	220	230	5,3	210	160 (220)	200/225 / Ventil*
250	SN5	11250	220	202	4,3	239	250	6,4	220	160 (210)	250 / Ventil*
300	SN5	12000	265	246	5,1	290	300	9,0	245	160 (190)	300 / Ventil*
350	SN5	12000	315	288	5,9	342	350	12,0	130	140 (140)	300 / Ventil*
375	SN5	12500	340	307	6,3	370	375	14,4	170	130 (140)	300 / Ventil*
400	SN5	12500	360	342	6,7	391	400	15,5	170	130 (140)	300 / Ventil*
450	SN5	13000	405	377	7,5	438	450	18,7	140	120 (140)	300 / Ventil*
500	SN5	13500	435	412	8,2	480	500	23,0	200	150 (170)	300 / 300
550	SN5	13500	460	455	8,9	499	550	27,1	120		300 / 300
600	SN5	14500	540	535	9,5	585	600	32,4	160		506 / 506
700	SN5	16000	630	625	10,8	680	700	41,9	110		506 / 506
750	SN5	17000	630	671	11,4	690	750	49,9	70		506-640 / 640

* Valve holder pre mounted.



Productdata Inpipe Flexliner

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
230	SN3	10500	170	162	3,5	185	230	5,0	160	160	
250	SN1	10500	200	194	3,0	220	250	5,4	160	160	
300	SN1	10500	220	213	3,2	236	300	5,7	160	160	
350	SN1	11000	265	255	3,6	290	350	8,0	140	140	
400	SN1	11250	315	306	4,1	337	400	10,0	160	160	
450	SN1	11500	340	328	4,6	365	450	13,1	120	120	
500	SN1	12000	405	395	5,2	435	500	14,6	120	120	
600	SN1	12000	435		6,0	480	600	20,7	110		
700	SN1	12500	540		6,9	585	700	28,5	110		
800	SN1	13300	630		7,7	674	800	35,6	100		
900	SN1	13500	660		8,9	749	900	46,0	100		
1000	SN1	14500	675		9,3	796	1000	52,2	90		
1300	SN1	17000	904		11,5	920	1300	98,3	70		

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
230	SN3	10500	170	162	3,5	186	230	5,0	160	160	
250	SN2	10500	200	190	3,3	220	250	5,4	160	160	
300	SN2	11000	220	210	3,9	238	300	7,0	160	160	
350	SN2	11250	265	255	4,5	290	350	9,4	140	140	
400	SN2	11500	315	306	5,0	340	400	11,7	160	160	
450	SN2	12000	340	328	5,6	367	450	14,6	120	120	
500	SN2	12500	405	395	6,2	436	500	17,5	120	120	
600	SN2	13000	435		7,3	480	600	25,0	110		
700	SN2	13500	540		8,5	585	700	33,0	110		
800	SN2	14500	630		9,4	676	800	41,8	100		
900	SN2	16000	660		10,4	749	900	51,0	100		
1000	SN2	17000	675		11,2	800	1000	61,5	70		



Productdata Inpipe Flexliner

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
230	SN3	10500	170	162	3,5	186	230	5,0	160	160	
250	SN3	11000	200	191	3,7	220	250	5,4	160	160	
300	SN3	11250	220	214	4,4	239	300	7,8	160	160	
350	SN3	12000	265	255	5,1	290	350	10,4	140	140	
400	SN3	12000	315	306	5,7	341	400	13,0	160	160	
450	SN3	12500	340	328	6,4	369	450	16,0	120	120	
500	SN3	13000	405	395	7,1	437	500	20,0	120	120	
600	SN3	13500	435		8,3	480	600	27,8	110		
700	SN3	14500	540		9,4	590	700	37,0	110		
800	SN3	16000	630		10,4	679	800	47,3	70		

Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
230	SN5	11000	170	159	4,0	187	230	5,3	160	160	
250	SN4	11250	200	191	4,1	220	250	6,1	160	160	
300	SN4	11500	220	210	4,8	240	300	8,5	160	160	
350	SN4	12000	265	255	5,5	290	350	11,5	140	140	
400	SN4	12500	315	302	6,2	342	400	14,3	160	130	
450	SN4	12500	340	328	7,0	369	450	17,4	120	120	
500	SN4	13300	405	395	7,6	440	500	21,6	120	120	
600	SN4	14500	435		9,0	480	600	30,2	110		
700	SN4	14500	540		10,1	590	700	39,6	110		
800	SN4	17000	630		11,3	681	800	50,5	70		



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Dim. Ø (mm)	SN class	E-modulus MPa	WIP Inner Ø liner at start (mm)	INV Inner Ø liner at start (mm)	Average wall thick. e (mm)	Min outer Ø liner (mm)	Max outer Ø liner (mm)	Weight / meter [kg/m]	Max length WIP	Max length INV	installation prepared starting dimensions (mm)
230	SN5	11000	170	159	4,0	188	230	5,3	160	160	
250	SN5	11250	200	191	4,3	220	250	6,4	160	160	
300	SN5	12000	220	210	5,1	241	300	9,0	160	160	
350	SN5	12000	265	255	5,9	290	350	12,0	140	140	
400	SN5	12500	315	306	6,7	344	400	15,5	160	130	
450	SN5	13300	340	328	7,5	371	450	18,7	120	120	
500	SN5	13500	405	395	8,2	441	500	23,0	120	120	
600	SN5	14500	435		9,5	480	600	32,4	110		
700	SN5	16000	540		10,8	590	700	41,9	110		