

epros® Mth - Liner „Basic“

Technical Data Sheet

Material Profile

epros®Mth - Liner
Type „Basic“

Raw material for main pipes from
DN 200 (8 inch) up to DN 600 (24 inch) and lateral
connections from DN 100 (4 inch) up to DN 200 (8 inch)

Supply Data

Main Pipe Diameter

200 – 600 (mm)
8 – 24 (inch)

Lateral Pipe Diameter

100 – 125 – 150 – 200 (mm)
4 – 5 – 6 – 8 (inch)

Lateral Liner Length

3,28 up to 98,40 feet

Main Pipe Length Mth-Liner

1,64 feet (19,68 inch)

Lateral Connection Angle

45° („Y“) and 90° („T“)

General Data

Type of Fibres

100% Polyester Fibre

Coating

One side PP

Colour Basic Weave

White

Colour Coating

Milky

Type of Basic Material

Needle fleece – Reinforced with longitude Fibers

used seam and seam sealing

Stitched seam with PES-thread. Seam coating with PP tape.

epros® Mth - Liner „Basic“

Technical Data Sheet

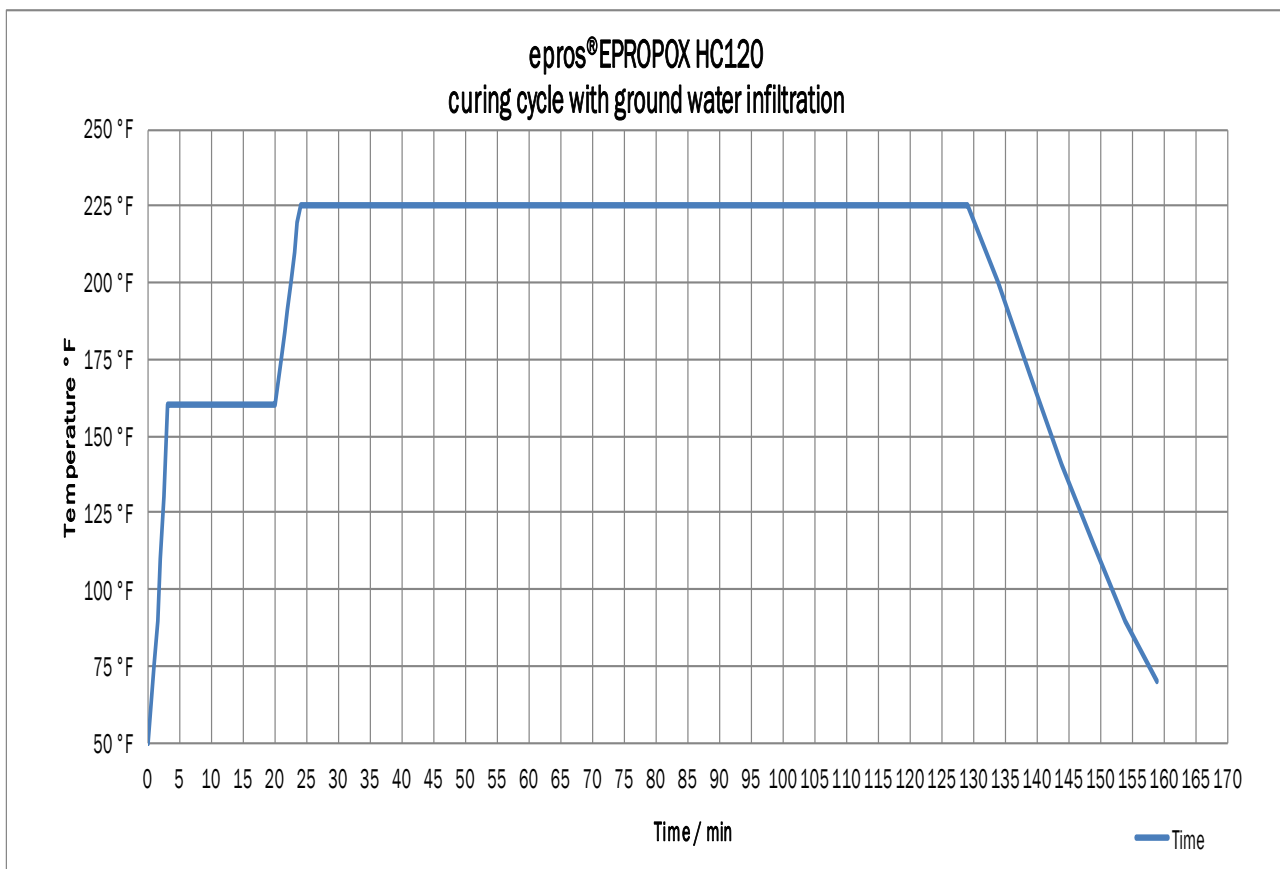
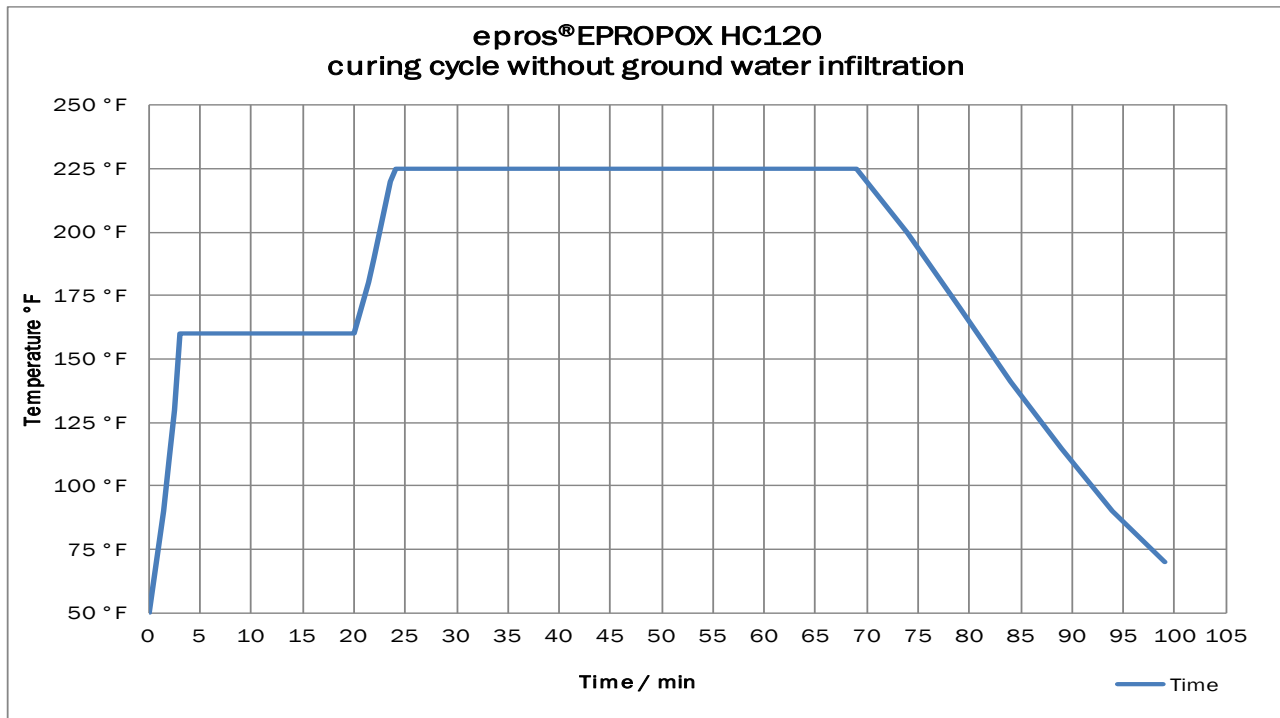
Physical Properties			
Weight per square meter	DIN EN 12127	g/m ²	650* ± 10 %
Thickness [Determined by a weight of 20cN/cm ² on a contact surface of 25 cm ²]	DIN EN ISO 5084	mm	2,8 – 3,3*
Weight of Coating/ Thickness of PP Coating		g/m ²	250 – 350*

With the variety of installation and service conditions as well as of application and process engineering, the data of this sheet can only be taken as a non-binding guide.

*=Modal value (typical value)

Handling Parameter			
		Min.	Max.
Inversion pressure	bar	0,5	1,2
	Psi	7,3	17,4
Curing pressure	Bar	0,4	0,6
	Psi	5,8	8,7
Heat resistance	Max.	240 °F	

epros[®] Mth - Liner „Basic“ Technical Data Sheet



epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **MtH-LINER 1 m / 3,28 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	0,56	0,39	0,17	5,03	3,78	1,25
225	9	45°/90°	0,59	0,42	0,17	5,34	4,02	1,32
250	10	45°/90°	0,62	0,44	0,18	5,66	4,25	1,41
300	12	45°/90°	0,69	0,49	0,20	6,29	4,72	1,57
350	14	45°/90°	0,75	0,54	0,21	6,92	5,20	1,72
400	16	45°/90°	0,84	0,59	0,25	7,55	5,68	1,87
450	18	45°/90°	0,90	0,64	0,26	8,18	6,15	2,03
500	20	45°/90°	0,97	0,69	0,28	8,81	6,63	2,18
550	22	45°/90°	1,03	0,74	0,29	9,42	7,08	2,34
600	24	45°/90°	1,11	0,79	0,32	10,07	7,57	2,50
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	0,62	0,44	0,18	5,66	4,25	1,41
225	9	45°/90°	0,66	0,47	0,19	5,97	4,49	1,48
250	10	45°/90°	0,69	0,50	0,19	6,32	4,75	1,57
300	12	45°/90°	0,75	0,54	0,21	6,92	5,20	1,72
350	14	45°/90°	0,84	0,59	0,25	7,55	5,68	1,87
400	16	45°/90°	0,90	0,64	0,26	8,18	6,15	2,03
450	18	45°/90°	0,97	0,69	0,28	8,81	6,63	2,18
500	20	45°/90°	1,03	0,74	0,29	9,42	7,08	2,34
550	22	45°/90°	1,11	0,79	0,32	10,07	7,57	2,50
600	24	45°/90°	1,18	0,83	0,35	10,68	8,02	2,66

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epros®EPROPOX HC120

			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
Main Pipe								
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	0,69	0,50	0,19	6,32	4,75	1,57
225	9	45°/90°	0,72	0,52	0,20	6,61	4,97	1,64
250	10	45°/90°	0,75	0,54	0,21	6,92	5,20	1,72
300	12	45°/90°	0,84	0,59	0,25	7,55	5,68	1,87
350	14	45°/90°	0,90	0,64	0,26	8,18	6,15	2,03
400	16	45°/90°	0,97	0,69	0,28	8,81	6,63	2,18
450	18	45°/90°	1,03	0,74	0,29	9,42	7,08	2,34
500	20	45°/90°	1,11	0,79	0,32	10,07	7,57	2,50
550	22	45°/90°	1,18	0,83	0,35	10,68	8,02	2,66
600	24	45°/90°	1,24	0,88	0,36	11,31	8,50	2,81
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	0,84	0,59	0,25	7,55	5,68	1,87
225	9	45°/90°	0,87	0,61	0,26	7,84	5,89	1,95
250	10	45°/90°	0,90	0,64	0,26	8,18	6,15	2,03
300	12	45°/90°	0,97	0,69	0,28	8,81	6,63	2,18
350	14	45°/90°	1,03	0,74	0,29	9,42	7,08	2,34
400	16	45°/90°	1,11	0,79	0,32	10,07	7,57	2,50
450	18	45°/90°	1,18	0,83	0,35	10,68	8,02	2,66
500	20	45°/90°	1,24	0,88	0,36	11,31	8,50	2,81
550	22	45°/90°	1,31	0,93	0,38	11,94	8,98	2,96
600	24	45°/90°	1,37	0,98	0,39	12,57	9,45	3,12

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 3 m / 9,84 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	0,47	0,79	0,32	10,07	7,57	2,50
225	9	45°/90°	0,50	0,82	0,32	10,39	7,81	2,58
250	10	45°/90°	0,51	0,84	0,33	10,68	8,02	2,66
300	12	45°/90°	0,52	0,88	0,36	11,31	8,50	2,81
350	14	45°/90°	0,55	0,93	0,38	11,94	8,98	2,96
400	16	45°/90°	0,59	0,98	0,39	12,57	9,45	3,12
450	18	45°/90°	0,63	1,04	0,41	13,23	9,95	3,28
500	20	45°/90°	0,65	1,08	0,43	13,84	10,40	3,44
550	22	45°/90°	0,67	1,13	0,46	14,46	10,87	3,59
600	24	45°/90°	0,69	1,17	0,48	15,09	11,35	3,74
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	1,31	0,93	0,38	11,94	8,98	2,96
225	9	45°/90°	1,34	0,95	0,39	12,25	9,21	3,04
250	10	45°/90°	1,37	0,98	0,39	12,57	9,45	3,12
300	12	45°/90°	1,45	1,04	0,41	13,23	9,95	3,28
350	14	45°/90°	1,51	1,08	0,43	13,84	10,40	3,44
400	16	45°/90°	1,59	1,13	0,46	14,46	10,87	3,59
450	18	45°/90°	1,65	1,17	0,48	15,09	11,35	3,74
500	20	45°/90°	1,73	1,23	0,50	15,73	11,82	3,91
550	22	45°/90°	1,79	1,28	0,51	16,33	12,28	4,05
600	24	45°/90°	1,85	1,32	0,53	16,98	12,76	4,22

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Calculation of Epoxy Resin amount for **Mth-LINER 3 m / 9,84 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	1,51	1,08	0,43	13,84	10,40	3,44
225	9	45°/90°	1,54	1,10	0,44	14,14	10,63	3,51
250	10	45°/90°	1,59	1,13	0,46	14,46	10,87	3,59
300	12	45°/90°	1,65	1,17	0,48	15,09	11,35	3,74
350	14	45°/90°	1,73	1,23	0,50	15,73	11,82	3,91
400	16	45°/90°	1,79	1,28	0,51	16,33	12,28	4,05
450	18	45°/90°	1,85	1,32	0,53	16,98	12,76	4,22
500	20	45°/90°	1,92	1,37	0,55	17,59	13,23	4,36
550	22	45°/90°	1,99	1,42	0,57	18,23	13,70	4,53
600	24	45°/90°	2,07	1,48	0,59	18,87	14,18	4,69
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	1,92	1,37	0,55	17,59	13,23	4,36
225	9	45°/90°	1,96	1,39	0,57	17,91	13,46	4,45
250	10	45°/90°	1,99	1,42	0,57	18,23	13,70	4,53
300	12	45°/90°	2,07	1,48	0,59	18,87	14,18	4,69
350	14	45°/90°	2,13	1,52	0,61	19,48	14,65	4,83
400	16	45°/90°	2,20	1,57	0,63	20,12	15,12	5,00
450	18	45°/90°	2,26	1,61	0,65	20,74	15,59	5,15
500	20	45°/90°	2,35	1,67	0,68	21,37	16,06	5,31
550	22	45°/90°	2,37	1,69	0,68	21,98	16,53	5,45
600	24	45°/90°	2,47	1,76	0,71	22,63	17,02	5,61

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 5 m / 16,40 feet** with the Resin system

epros®EPROPOX HC120

			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
Main Pipe								
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	1,65	1,17	0,48	15,09	11,35	3,74
225	9	45°/90°	1,68	1,20	0,48	15,41	11,59	3,82
250	10	45°/90°	1,73	1,23	0,50	15,73	11,82	3,91
300	12	45°/90°	1,79	1,28	0,51	16,33	12,28	4,05
350	14	45°/90°	1,85	1,32	0,53	16,98	12,76	4,22
400	16	45°/90°	1,92	1,37	0,55	17,59	13,23	4,36
450	18	45°/90°	1,99	1,42	0,57	18,23	13,70	4,53
500	20	45°/90°	2,07	1,48	0,59	18,87	14,18	4,69
550	22	45°/90°	2,13	1,52	0,61	19,48	14,65	4,83
600	24	45°/90°	2,20	1,57	0,63	20,12	15,12	5,00
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	1,99	1,42	0,57	18,23	13,70	4,53
225	9	45°/90°	2,04	1,45	0,59	18,56	13,95	4,61
250	10	45°/90°	2,07	1,48	0,59	18,87	14,18	4,69
300	12	45°/90°	2,13	1,52	0,61	19,48	14,65	4,83
350	14	45°/90°	2,20	1,57	0,63	20,12	15,12	5,00
400	16	45°/90°	2,26	1,61	0,65	20,74	15,59	5,15
450	18	45°/90°	2,35	1,67	0,68	21,37	16,06	5,31
500	20	45°/90°	2,41	1,72	0,69	21,98	16,53	5,45
550	22	45°/90°	2,47	1,76	0,71	22,63	17,02	5,61
600	24	45°/90°	2,54	1,81	0,73	23,24	17,47	5,77

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Calculation of Epoxy Resin amount for **Mth-LINER 5 m / 16,40 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	2,35	1,67	0,68	21,37	16,06	5,31
225	9	45°/90°	2,38	1,70	0,68	21,66	16,28	5,38
250	10	45°/90°	2,41	1,72	0,69	21,98	16,53	5,45
300	12	45°/90°	2,47	1,76	0,71	22,63	17,02	5,61
350	14	45°/90°	2,54	1,81	0,73	23,24	17,47	5,77
400	16	45°/90°	2,60	1,86	0,74	23,90	17,97	5,93
450	18	45°/90°	2,68	1,92	0,76	24,51	18,42	6,09
500	20	45°/90°	2,75	1,96	0,79	25,13	18,89	6,24
550	22	45°/90°	2,82	2,01	0,81	25,79	19,39	6,40
600	24	45°/90°	2,88	2,05	0,83	26,40	19,85	6,55
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	3,02	2,16	0,86	27,65	20,78	6,87
225	9	45°/90°	3,05	2,18	0,87	27,98	21,03	6,95
250	10	45°/90°	3,08	2,20	0,88	28,29	21,27	7,02
300	12	45°/90°	3,16	2,25	0,91	28,90	21,72	7,18
350	14	45°/90°	3,22	2,30	0,92	29,54	22,21	7,33
400	16	45°/90°	3,30	2,36	0,94	30,14	22,66	7,48
450	18	45°/90°	3,36	2,40	0,96	30,79	23,15	7,64
500	20	45°/90°	3,43	2,45	0,98	31,43	23,63	7,80
550	22	45°/90°	3,50	2,49	1,01	32,04	24,08	7,96
600	24	45°/90°	3,58	2,55	1,03	32,70	24,59	8,11

epros® Mth - Liner „Basic“ Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 10 m / 32,80 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	3,02	2,16	0,86	27,64	20,78	6,87
225	9	45°/90°	3,05	2,18	0,87	27,96	21,03	6,95
250	10	45°/90°	3,08	2,20	0,88	28,28	21,27	7,02
300	12	45°/90°	3,16	2,25	0,91	28,89	21,72	7,18
350	14	45°/90°	3,22	2,30	0,92	29,54	22,21	7,33
400	16	45°/90°	3,30	2,36	0,94	30,14	22,66	7,48
450	18	45°/90°	3,36	2,40	0,96	30,78	23,15	7,64
500	20	45°/90°	3,43	2,45	0,98	31,43	23,63	7,80
550	22	45°/90°	3,50	2,49	1,01	32,03	24,08	7,96
600	24	45°/90°	3,58	2,55	1,03	32,69	24,59	8,11
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	3,70	2,64	1,06	33,93	25,51	8,42
225	9	45°/90°	3,74	2,67	1,07	34,23	25,73	8,50
250	10	45°/90°	3,77	2,69	1,08	34,57	25,99	8,58
300	12	45°/90°	3,83	2,74	1,09	35,20	26,46	8,74
350	14	45°/90°	3,92	2,80	1,12	35,80	26,92	8,88
400	16	45°/90°	3,98	2,84	1,14	36,46	27,41	9,05
450	18	45°/90°	4,05	2,89	1,16	37,07	27,87	9,20
500	20	45°/90°	4,11	2,93	1,18	37,69	28,34	9,35
550	22	45°/90°	4,19	2,99	1,20	38,34	28,82	9,52
600	24	45°/90°	4,25	3,04	1,21	38,96	29,29	9,67

epros® Mth - Liner „Basic“ Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 10 m / 32,80 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	4,39	3,13	1,26	40,21	30,23	9,98
225	9	45°/90°	4,42	3,15	1,27	40,53	30,47	10,06
250	10	45°/90°	4,45	3,18	1,27	40,86	30,72	10,14
300	12	45°/90°	4,53	3,24	1,29	41,46	31,17	10,29
350	14	45°/90°	4,59	3,28	1,31	42,10	31,65	10,45
400	16	45°/90°	4,67	3,33	1,34	42,71	32,11	10,60
450	18	45°/90°	4,73	3,37	1,36	43,37	32,61	10,76
500	20	45°/90°	4,81	3,43	1,38	44,00	33,08	10,92
550	22	45°/90°	4,87	3,48	1,39	44,60	33,53	11,07
600	24	45°/90°	4,93	3,52	1,41	45,27	34,03	11,24
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	5,76	4,12	1,64	52,77	39,68	13,09
225	9	45°/90°	5,79	4,14	1,65	53,09	39,92	13,17
250	10	45°/90°	5,83	4,16	1,67	53,41	40,15	13,26
300	12	45°/90°	5,90	4,21	1,69	54,04	40,63	13,41
350	14	45°/90°	5,96	4,25	1,71	54,67	41,10	13,57
400	16	45°/90°	6,03	4,31	1,72	55,27	41,55	13,72
450	18	45°/90°	6,10	4,36	1,74	55,94	42,06	13,88
500	20	45°/90°	6,16	4,40	1,76	56,56	42,52	14,04
550	22	45°/90°	6,24	4,45	1,79	57,16	42,98	14,18
600	24	45°/90°	6,30	4,50	1,80	57,83	43,48	14,35

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 15 m / 49,20 feet** with the Resin system

epros®EPROPOX HC120

			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
Main Pipe								
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	4,39	3,13	1,26	40,21	30,23	9,98
225	9	45°/90°	4,42	3,15	1,27	40,53	30,47	10,06
250	10	45°/90°	4,45	3,18	1,27	40,86	30,72	10,14
300	12	45°/90°	4,53	3,24	1,29	41,46	31,17	10,29
350	14	45°/90°	4,59	3,28	1,31	42,10	31,65	10,45
400	16	45°/90°	4,67	3,33	1,34	42,71	32,11	10,60
450	18	45°/90°	4,73	3,37	1,36	43,37	32,61	10,76
500	20	45°/90°	4,81	3,43	1,38	44,00	33,08	10,92
550	22	45°/90°	4,87	3,48	1,39	44,60	33,53	11,07
600	24	45°/90°	4,93	3,52	1,41	45,27	34,03	11,24
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	5,41	3,87	1,54	49,63	37,32	12,31
225	9	45°/90°	5,46	3,90	1,56	49,94	37,55	12,39
250	10	45°/90°	5,49	3,92	1,57	50,26	37,79	12,47
300	12	45°/90°	5,55	3,96	1,59	50,90	38,27	12,63
350	14	45°/90°	5,62	4,01	1,61	51,53	38,74	12,79
400	16	45°/90°	5,68	4,06	1,62	52,17	39,22	12,95
450	18	45°/90°	5,76	4,12	1,64	52,77	39,68	13,09
500	20	45°/90°	5,83	4,16	1,67	53,41	40,15	13,26
550	22	45°/90°	5,90	4,21	1,69	54,04	40,63	13,41
600	24	45°/90°	5,96	4,25	1,71	54,67	41,10	13,57

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 15 m / 49,20 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	6,43	4,59	1,84	59,02	44,37	14,65
225	9	45°/90°	6,47	4,62	1,85	59,37	44,64	14,73
250	10	45°/90°	6,51	4,65	1,86	59,68	44,87	14,81
300	12	45°/90°	6,58	4,69	1,89	60,32	45,36	14,96
350	14	45°/90°	6,65	4,75	1,90	60,93	45,81	15,12
400	16	45°/90°	6,72	4,80	1,92	61,57	46,29	15,28
450	18	45°/90°	6,78	4,84	1,94	62,19	46,75	15,44
500	20	45°/90°	6,85	4,89	1,96	62,84	47,25	15,59
550	22	45°/90°	6,91	4,94	1,97	63,47	47,72	15,75
600	24	45°/90°	7,00	5,00	2,00	64,08	48,18	15,90
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	8,49	6,07	2,42	77,90	58,57	19,33
225	9	45°/90°	8,54	6,10	2,44	78,22	58,81	19,41
250	10	45°/90°	8,57	6,12	2,45	78,53	59,04	19,49
300	12	45°/90°	8,63	6,16	2,47	79,17	59,53	19,64
350	14	45°/90°	8,70	6,21	2,49	79,79	59,99	19,80
400	16	45°/90°	8,76	6,26	2,50	80,40	60,45	19,95
450	18	45°/90°	8,84	6,32	2,52	81,05	60,94	20,11
500	20	45°/90°	8,91	6,36	2,55	81,69	61,42	20,27
550	22	45°/90°	8,98	6,41	2,57	82,31	61,89	20,42
600	24	45°/90°	9,04	6,45	2,59	82,95	62,36	20,59

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 20 m / 65,60 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	5,76	4,12	1,64	52,77	39,68	13,09
225	9	45°/90°	5,79	4,14	1,65	53,09	39,92	13,17
250	10	45°/90°	5,83	4,16	1,67	53,41	40,15	13,26
300	12	45°/90°	5,90	4,21	1,69	54,04	40,63	13,41
350	14	45°/90°	5,96	4,25	1,71	54,67	41,10	13,57
400	16	45°/90°	6,03	4,31	1,72	55,27	41,55	13,72
450	18	45°/90°	6,10	4,36	1,74	55,94	42,06	13,88
500	20	45°/90°	6,16	4,40	1,76	56,56	42,52	14,04
550	22	45°/90°	6,24	4,45	1,79	57,16	42,98	14,18
600	24	45°/90°	6,30	4,50	1,80	57,83	43,48	14,35
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	7,13	5,09	2,04	65,34	49,12	16,22
225	9	45°/90°	7,16	5,11	2,05	65,66	49,36	16,30
250	10	45°/90°	7,19	5,13	2,06	65,96	49,59	16,37
300	12	45°/90°	7,26	5,19	2,07	66,61	50,08	16,53
350	14	45°/90°	7,33	5,24	2,09	67,23	50,55	16,68
400	16	45°/90°	7,40	5,28	2,12	67,83	51,00	16,83
450	18	45°/90°	7,47	5,33	2,14	68,50	51,50	17,00
500	20	45°/90°	7,53	5,38	2,15	69,12	51,97	17,15
550	22	45°/90°	7,61	5,44	2,17	69,73	52,42	17,31
600	24	45°/90°	7,67	5,48	2,19	70,39	52,93	17,46

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 20 m / 65,60 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	8,49	6,07	2,42	77,90	58,57	19,33
225	9	45°/90°	8,54	6,10	2,44	78,22	58,81	19,41
250	10	45°/90°	8,57	6,12	2,45	78,53	59,04	19,49
300	12	45°/90°	8,63	6,16	2,47	79,17	59,53	19,64
350	14	45°/90°	8,70	6,21	2,49	79,79	59,99	19,80
400	16	45°/90°	8,76	6,26	2,50	80,40	60,45	19,95
450	18	45°/90°	8,84	6,32	2,52	81,05	60,94	20,11
500	20	45°/90°	8,91	6,36	2,55	81,69	61,42	20,27
550	22	45°/90°	8,98	6,41	2,57	82,29	61,87	20,42
600	24	45°/90°	9,04	6,45	2,59	82,95	62,36	20,59
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	11,23	8,02	3,21	103,03	77,46	25,57
225	9	45°/90°	11,27	8,05	3,22	103,35	77,70	25,65
250	10	45°/90°	11,31	8,08	3,23	103,68	77,95	25,73
300	12	45°/90°	11,37	8,12	3,25	104,29	78,41	25,88
350	14	45°/90°	11,44	8,17	3,27	104,92	78,89	26,03
400	16	45°/90°	11,50	8,21	3,29	105,54	79,36	26,18
450	18	45°/90°	11,57	8,27	3,30	106,18	79,83	26,35
500	20	45°/90°	11,65	8,32	3,33	106,80	80,30	26,50
550	22	45°/90°	11,71	8,36	3,35	107,44	80,78	26,66
600	24	45°/90°	11,78	8,41	3,37	108,07	81,25	26,82

epros® Mth - Liner „Basic“ Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 25 m / 82,00 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	7,13	5,09	2,04	65,34	49,12	16,22
225	9	45°/90°	7,16	5,11	2,05	65,66	49,36	16,30
250	10	45°/90°	7,19	5,13	2,06	65,96	49,59	16,37
300	12	45°/90°	7,26	5,19	2,07	66,61	50,08	16,53
350	14	45°/90°	7,33	5,24	2,09	67,23	50,55	16,68
400	16	45°/90°	7,40	5,28	2,12	67,85	51,02	16,83
450	18	45°/90°	7,47	5,33	2,14	68,50	51,50	17,00
500	20	45°/90°	7,53	5,38	2,15	69,12	51,97	17,15
550	22	45°/90°	7,61	5,44	2,17	69,73	52,42	17,31
600	24	45°/90°	7,67	5,48	2,19	70,39	52,93	17,46
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	8,84	6,32	2,52	81,05	60,94	20,11
225	9	45°/90°	8,87	6,34	2,53	81,37	61,18	20,19
250	10	45°/90°	8,91	6,36	2,55	81,69	61,42	20,27
300	12	45°/90°	8,98	6,41	2,57	82,31	61,89	20,42
350	14	45°/90°	9,04	6,45	2,59	82,95	62,36	20,59
400	16	45°/90°	9,11	6,51	2,60	83,56	62,83	20,73
450	18	45°/90°	9,18	6,56	2,62	84,20	63,31	20,89
500	20	45°/90°	9,24	6,60	2,64	84,81	63,76	21,05
550	22	45°/90°	9,32	6,65	2,67	85,44	64,24	21,20
600	24	45°/90°	9,38	6,70	2,68	86,08	64,72	21,36

epros® Mth - Liner „Basic“

Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 25 m / 82,00 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	10,55	7,53	3,02	96,77	72,76	24,01
225	9	45°/90°	10,58	7,55	3,03	97,06	72,98	24,08
250	10	45°/90°	10,61	7,58	3,03	97,37	73,21	24,16
300	12	45°/90°	10,69	7,64	3,05	98,01	73,68	24,33
350	14	45°/90°	10,75	7,68	3,07	98,64	74,16	24,48
400	16	45°/90°	10,83	7,73	3,10	99,26	74,63	24,63
450	18	45°/90°	10,89	7,77	3,12	99,88	75,09	24,79
500	20	45°/90°	10,96	7,83	3,13	100,53	75,59	24,94
550	22	45°/90°	11,03	7,88	3,15	101,16	76,06	25,10
600	24	45°/90°	11,09	7,92	3,17	101,79	76,53	25,26
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	13,97	9,97	4,00	128,14	96,35	31,79
225	9	45°/90°	14,00	10,00	4,00	128,49	96,61	31,88
250	10	45°/90°	14,04	10,03	4,01	128,81	96,85	31,96
300	12	45°/90°	14,10	10,07	4,03	129,41	97,30	32,11
350	14	45°/90°	14,17	10,12	4,05	130,06	97,78	32,28
400	16	45°/90°	14,24	10,17	4,07	130,67	98,25	32,42
450	18	45°/90°	14,31	10,22	4,09	131,31	98,72	32,59
500	20	45°/90°	14,39	10,28	4,11	131,95	99,21	32,74
550	22	45°/90°	14,45	10,32	4,13	132,55	99,66	32,89
600	24	45°/90°	14,52	10,37	4,15	133,20	100,15	33,05

epros® Mth - Liner „Basic“ Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 30 m / 98,40 feet** with the Resin system

epros®EPROPOX HC120

Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN100 (4 inch)								
200	8	45°/90°	8,49	6,07	2,42	77,90	58,57	19,33
225	9	45°/90°	8,54	6,10	2,44	78,22	58,81	19,41
250	10	45°/90°	8,57	6,12	2,45	78,53	59,04	19,49
300	12	45°/90°	8,63	6,16	2,47	79,17	59,53	19,64
350	14	45°/90°	8,70	6,21	2,49	82,76	62,22	20,54
400	16	45°/90°	8,76	6,26	2,50	80,40	60,45	19,95
450	18	45°/90°	8,84	6,32	2,52	81,05	60,94	20,11
500	20	45°/90°	8,91	6,36	2,55	81,69	61,42	20,27
550	22	45°/90°	8,98	6,41	2,57	82,31	61,89	20,42
600	24	45°/90°	9,04	6,45	2,59	82,95	62,36	20,59
Lateral Pipe DN125 (5 inch)								
200	8	45°/90°	10,55	7,53	3,02	96,77	72,76	24,01
225	9	45°/90°	10,58	7,55	3,03	97,06	72,98	24,08
250	10	45°/90°	10,61	7,58	3,03	97,37	73,21	24,16
300	12	45°/90°	10,69	7,64	3,05	98,01	73,68	24,33
350	14	45°/90°	10,75	7,68	3,07	98,64	74,16	24,48
400	16	45°/90°	10,83	7,73	3,10	99,26	74,63	24,63
450	18	45°/90°	10,89	7,77	3,12	99,88	75,09	24,79
500	20	45°/90°	10,96	7,83	3,13	100,53	75,59	24,94
550	22	45°/90°	11,03	7,88	3,15	101,16	76,06	25,10
600	24	45°/90°	11,09	7,92	3,17	104,76	78,76	26,00

epros® Mth - Liner „Basic“ Technical Data Sheet

Calculation of Epoxy Resin amount for **Mth-LINER 30 m / 98,40 feet** with the Resin system

epros®EPROPOX HC120

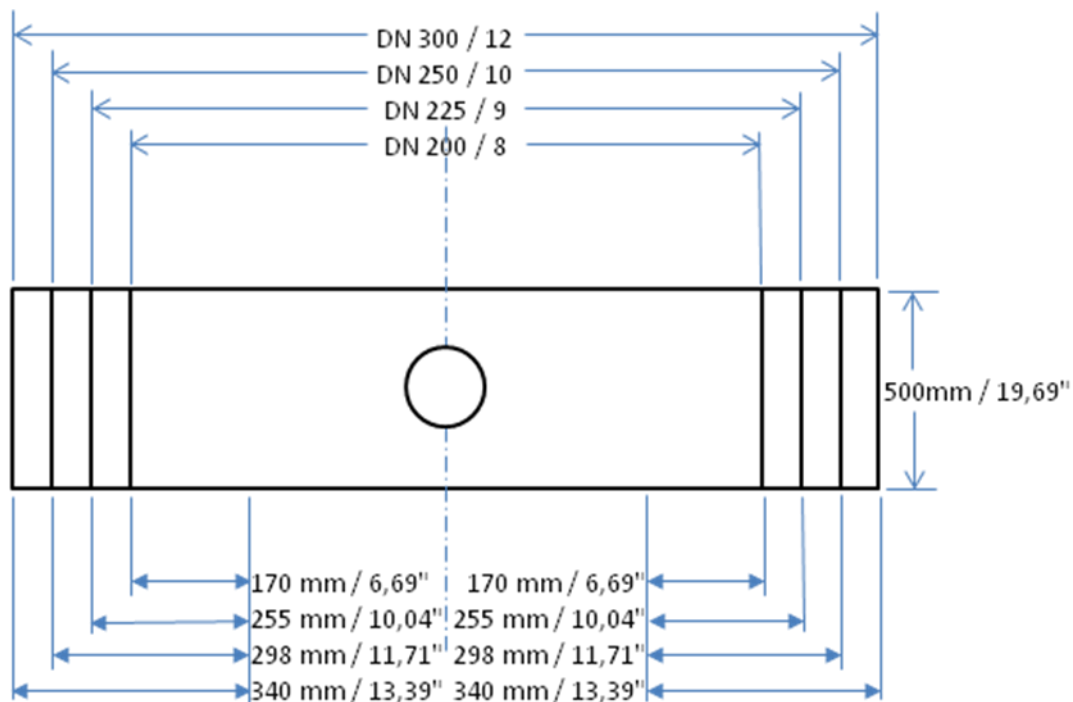
Main Pipe			Resin System Total	Component A	Component B	Resin System Total	Component A	Component B
DN (mm)	DN (inch)	angle	Gallon (US liq.)	Gallon (US liq.)	Gallon (US liq.)	lbs	lbs	lbs
Lateral Pipe DN150 (6 inch)								
200	8	45°/90°	12,60	9,00	3,60	115,58	86,90	28,68
225	9	45°/90°	12,63	9,02	3,61	115,93	87,16	28,77
250	10	45°/90°	12,67	9,05	3,62	116,25	87,40	28,85
300	12	45°/90°	12,74	9,09	3,65	116,85	87,85	29,00
350	14	45°/90°	12,81	9,15	3,66	117,47	88,32	29,15
400	16	45°/90°	12,87	9,19	3,68	118,11	88,80	29,31
450	18	45°/90°	12,94	9,24	3,70	118,74	89,28	29,46
500	20	45°/90°	13,01	9,29	3,72	119,39	89,76	29,63
550	22	45°/90°	13,07	9,34	3,73	120,00	90,23	29,77
600	24	45°/90°	13,16	9,40	3,76	120,64	90,70	29,94
Lateral Pipe DN200 (8 inch)								
200	8	45°/90°	16,71	11,93	4,78	153,29	115,25	38,04
225	9	45°/90°	16,74	11,95	4,79	153,61	115,49	38,12
250	10	45°/90°	16,77	11,98	4,79	153,94	115,74	38,20
300	12	45°/90°	16,84	12,03	4,81	154,46	116,13	38,33
350	14	45°/90°	16,91	12,08	4,83	155,18	116,68	38,50
400	16	45°/90°	16,99	12,13	4,86	155,79	117,13	38,66
450	18	45°/90°	17,05	12,17	4,88	156,43	117,62	38,81
500	20	45°/90°	17,12	12,23	4,89	157,08	118,10	38,98
550	22	45°/90°	17,19	12,28	4,91	157,68	118,55	39,13
600	24	45°/90°	17,25	12,32	4,93	158,35	119,06	39,29

epros® Mth - Liner „Basic“
Technical Data Sheet

Cutting measurements Main Pipe – Adjustment of the Diameter

Mth-Liner Main Pipe 8 – 12 inch

Main Pipe Diameter mm / inch		Flat size Total mm / inch		cut from each side mm / inch	
200	8	680	26,77	170	6,69
225	9	765	30,12	128	5,02
250	10	850	33,46	85	3,35
300	12	1020	40,16	0,0	0,0



epros® Mth - Liner „Basic“
Technical Data Sheet

Cutting measurements Main Pipe – Adjustment of the Diameter

Mth-Liner Main Pipe 14 – 24 inch

Main Pipe Diameter mm / inch		Flat size Total mm / inch		cut from each side mm / inch	
350	14	1190	46,85	425	16,73
400	16	1360	53,54	340	13,39
450	18	1530	60,24	255	10,04
500	20	1700	66,93	170	6,69
550	22	1870	73,62	85	3,35
600	24	2040	80,31	0,0	0,0

