

BRAWOLINER®

DN	To achieve a wall thickness of min. 3 mm / 0.12"		Reduced wall thickness of min. 2 mm / 0.08" (Inhouse)		
	Roller spacing	BRAWO® I US BRAWO® III US BRAWO® SRR US BRAWO® UVPox US in lbs / foot	Roller spacing	BRAWO® UVPox US in lbs / foot	
50 (2")	7.0 mm / 0.28"	0.3 (not for BRAWO UVPox)	4.0 mm / 0.16"	0.2	
70 (3")	8.5 mm / 0.33"	0.5 (not for BRAWO UVPox)	6.5 mm / 0.26"	0.4	
100 (4")		0.7			0.7
125 (5")		0.9	7.0 mm / 0.28"	0.8	
150 (6")		1.1			1.0
200 (8")		1.5			1.4

BRAWOLINER® 3D

DN	To achieve a wall thickness of min. 3 mm / 0.12"		Reduced wall thickness of min. 2 mm / 0.08" (Inhouse)	
	Roller spacing	BRAWO® I US BRAWO® III US BRAWO® SRR US BRAWO® UVPox US in lbs / foot	Roller spacing	BRAWO® UVPox US in lbs / foot
70-100 (3"-4")	10.0 mm / 0.39"	0.6	6.5 mm / 0.26"	0.4
100-150 (4"-6")	12.0 mm / 0.47"	1.0	10.0 mm / 0.39"	1.0
150-225 (6"-9")		1.6		

All statements are to be understood as approximate and are based on values determined by experiment. Variations are possible depending on ambient conditions.

1.1 Resin types for hot / ambient curing

Depending on the requirement the following resins can be selected:

BRAWO® resin type	Buried lines	Connection nozzle	Resin types and areas of use			Processing time saturated liner	Curing time Cold curing	Curing time Hot curing 122 °F	Curing time Hot Curing 148 °F
			Line length						
			shorter than 5 m (197")	shorter than 15 m (590")	longer than 15 m (590")				
BRAWO® SRR US **)	X	X	(X)			30 min at 59 °F	2 h at 68 °F	30 min	-
BRAWO® I US	X	X	X	X	(X)	50 min at 59 °F	13 h at 50 °F	100 min	45 min*)
BRAWO® III US	X	X	X	X	X	3,5 h at 59 °F ***)	24 h at 50 °F	220 min	140 min*)

*) Only in combination with BRAWOLINER® HT or with a suitable calibration CIPP

**) Attention: When curing BRAWO® SRR with steam, there is a risk of extreme temperature development because of the exothermic resin reaction. Therefore, curing with steam is not recommended.

***) Attention: Larger quantities of resin shorten the processing time. Please refer to the technical data sheet for the resin. At 59 °F recommended resin quantity is max. 440 lbs (200 kg).

(X) Limited processing time. Only recommended with favorable conditions.

BRAWOLINER® 3D DN 200-300

DN	To achieve a wall thickness of min. 4.7 mm / 0.18"	
	Roller spacing	BRAWO® I US BRAWO® III US BRAWO® UVPox US in lbs / foot
200-300 (8"-12")	14 mm / 0.55"	2.8

BRAWOLINER® 3D DN 300-400

DN	To achieve a wall thickness of min. 5.1 mm / 0.2"	
	Roller spacing	BRAWO® III US in lbs / foot
300-400 (12"-16")	15.5 mm / 0.61"	4.8