



APPLIED FELTS®

YOUR SUCCESS IS OUR SUCCESS

Technical Data Sheet

WovoX™: A WovoLiner® Product

PRODUCT DESCRIPTION

A flexible, extensible, seamless liner for lining around 45 and 90 degree bends in pipes. Circular knitted construction with polyester and elastomeric yarns and a polyurethane coating custom sized for rehabilitation. Manufactured in accordance with ISO9001:2015

DIMENSION AVAILABILITY: TYPICAL RESIN & ROLLER GAP INFORMATION

WOVOX	TYPICAL INSTALLED THICKNESS	TYPICAL RESIN ADDITION			ADDITIONAL INFO	
		LITRES PER METRE	KG/M IF SG 1.2	LB/FOOT IF SG 1.2	APPROX ROLLER GAP, MM	SUPPLY LENGTHS METRES
PIPE DIAMETER (MM)						
2"	2.5	0.37	0.45	0.30	8mm	25/50
3"	3.5	0.79	0.94	0.63	9mm	100
4"	3.5	1.06	1.27	0.86	9mm	100
6"	3.5	1.61	1.93	1.30	9mm	100
8"	3.5	2.16	2.59	1.74	9mm	100

INSTALLATION METHODS

LINER TYPE	RESIN TYPE			CURING REGIME				
	EP	UP	VE	HOT WATER <80°C	STEAM & AIR <80°C	AMBIENT	WARM WATER	LED CURE
HOT CURE INVERSION	✓	X	✓	✓	✓	✓	✓	✓
HOT CURE DRAG-IN	✓	X	✓	✓	✓	✓	✓	✓
DRAG - IN	X	X	X	X	X	X	X	X

- WE RECOMMEND THAT ALL WOVOX INSTALLATIONS SHOULD BE SUPPORTED AT ALL POSITIONS OUTSIDE OF THE PIPE BEING LINED.
- IF NOT A BLIND SHOT, IT IS IMPORTANT TO EVERT THE PRODUCT IN LONGITUDINAL TENSION IN ORDER TO AVOID WRINKLING.
- COMPATIBILITY OF SPECIFIC RESINS SHOULD BE VERIFIED.

LINER PREPARATION & INSTALLATION

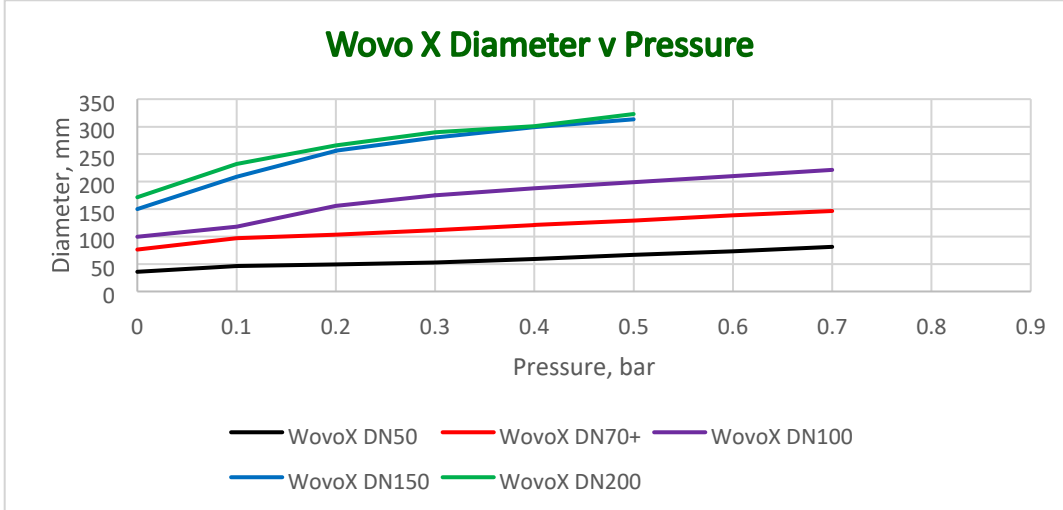
- A SUITABLE HOLDBACK SHOULD BE EMPLOYED AND SHOULD BE PAID OUT IN TENSION WITH AIR OR WATER PRESSURE AS BELOW.
- SITE CIRCUMSTANCES, SUCH AS GROUND WATER HEAD, SHOULD BE CONSIDERED WHEN SELECTING AN APPROPRIATE INSTALLATION HEAD.





WOVOX	MINIMUM EVERSION HEAD (WITH HOLDBACK TENSION)		MAXIMUM EVERSION OR CURE HEAD		RECOMME CURE HEAD	
	DN	BAR	PSI	BAR	PSI	BAR
2"		0.3	4.5	0.6	9	0.4
3"		0.2	3	0.4	6	0.3
4"		0.2	3	0.4	6	0.3
6"		0.2	3	0.3	4.5	0.2
8"		0.2	3	0.3	4.5	0.2

EXTENSION CHARACTERISTICS



NOTES:

1. ALL INFORMATION IS PROVIDED BY APPLIED FELTS IN GOOD FAITH, BUT WITHOUT WARRANTY. ALL CALCULATIONS SHOULD BE VERIFIED
2. ROLLER GAP SETTING IS FOR GUIDANCE ONLY, IMPREGNATION EQUIPMENT DIFFERS: RUBBER WRAPPING ON ROLLERS, POSITIONAL HYSTERESIS AND FLEXING OF ROLLERS CAUSE ROLLER GAP SETTINGS TO VARY BETWEEN DIFFERENT EQUIPMENT ROLLER GAP SETTINGS FOR ANY GIVEN EQUIPMENT SHOULD BE REPEATABLE.
3. WE STRONGLY RECOMMEND THE RESIN ADDITION BE MONITORED AND CONTROLLED BY ADJUSTMENT OF THE ROLLER GAP SETTING. ULTIMATELY IT IS THE CORRECT RESIN ADDITION WHICH IS IMPERATIVE, NOT THE ROLLER GAP.

