MaxLight Liner

Synthetic Fiber Felt CIPP Liner

DESCRIPTION

MaxLight Liner is a uniquely manufactured synthetic fiber felt CIPP liner with a TPU coating specifically designed to maximize LED light-cure capabilities. Tube forming and seam bonding are achieved by an overlocking chain stitched seam with an extruded taped joint creating a superior, high-performance, impermeable liner designed for sweeping bends up to 45° and very minimal stretch. Manufactured in accordance with ISO9001:2015.

DIMENSION AVAILABILITY

MAXLIGHT	TYPICAL INSTALLED THICKNESS	TYPICAL RESIN SATURATION			ADDITIONAL INFO	
DIAMETER		LITERS PER METER	KG/M IF SG 1.2	LBS/FOOT IF SG 1.2	ROLLER GAP	STANDARD LENGTHS
3" | 70mm	3mm	0.6	0.72	0.48	8mm	328' | 100m
4" | 100mm	3mm	0.8	0.96	0.64	8mm	328' | 100m
5" | 125mm	3mm	1.1	1.32	0.88	8mm	328' | 100m
6" | 150mm	3mm	1.3	1.56	1.04	8mm	328' | 100m
6" | 150mm	4.5mm	1.9	2.28	1.53	11mm	328' | 100m
8" | 200mm	4.5mm	2.6	3.12	2.09	11mm	328' | 100m
8" | 200mm	6mm	3.4	4.08	2.74	14mm	328' | 100m
10" | 250mm	4.5mm	3.2	3.84	2.57	11mm	328' | 100m
10" | 250mm	6mm	4.3	5.16	3.46	14mm	328' | 100m
12" | 300mm	4.5mm	3.9	4.68	3.14	11mm	328' | 100m
12" | 300mm	6mm	5.2	6.24	4.19	14mm	328' | 100m

Vacuum level shall meet or slightly exceed inversion and curing pressure. Always use a vacuum with proper vacuum gauge and regulator.

INSTALLATION METHODS

LINER TYPE	LED EPOXY	LED VINYL ESTER	METHACRYLATE	FORMULATED LED CURE RESINS	EPOXY	STYRENATED RESINS
INVERSION	✔	✔	✔	✔	✔	✘
PULL-IN-PLACE	✔	✔	✔	✔	✔	✘

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TEST SPECIFICATIONS

	CHARACTERISTIC	TEST	STANDARD
LINER	Density, gauge of liner under various applied pressures.	Compression test of sample of all layers.	ISO 845

Note: Liners are manufactured to internal standard or customer specifications. All liners are tested to the tests declared above and adhere to the declared ISO standards. Test data is available on request. Resin compatibility should be checked prior to use.

CURING PRESSURE

MAXLIGHT	MINIMUM INVERSION HEAD (WITH HOLDBACK TENSION)		MAXIMUM INVERSION OR CURE HEAD		RECOMMENDED CURE HEAD	
DIAMETER	PSI	BAR	PSI	BAR	PSI	BAR
3" | 70mm	12.5	0.86	19.1	1.32	12.5	0.86
4" | 100mm	8.7	0.60	13.3	0.92	8.7	0.60
5" | 125mm	7	0.48	10.7	0.74	7	0.48
6" | 150mm	5.8	0.40	9	0.62	5.8	0.40
6" | 150mm	8.7	0.60	13.3	0.92	8.7	0.60
8" | 200mm	6.5	0.45	10	0.69	6.5	0.45
8" | 200mm	8.7	0.60	13.3	0.92	8.7	0.60
10" | 250mm	5.2	0.36	8	0.55	5.2	0.36
10" | 250mm	7	0.48	10.7	0.74	7	0.48
12" | 300mm	4.3	0.30	6.7	0.46	4.3	0.30
12" | 300mm	5.8	0.40	9	0.62	5.8	0.40

STORAGE/HANDLING

- Avoid extremes of temperature - Recommended storage temperature 40°F – 95°F | 4°C – 35°C.
- Avoid extremes of humidity - Recommended storage humidity 25% rh – 65% rh.
- Avoid storage from direct sunlight.
- Chemical attack - Avoid prolonged contact with solvents and chemicals.

MECHANICAL DAMAGE SHOULD BE AVOIDED

- Ensure that liner is not placed directly onto grit or gravel floor – sweep and cover floor first.
- Ensure personnel are instructed not to walk on or smoke around the liner.
- Handle with care and always ensure safe transport.
- Ensure any rollers are clean, and the liner is not in contact with any sharp edges or snags anywhere during use.

TECHNICAL SUPPORT

Call technical support with additional questions at (877) 426-5948.

DISCLAIMER

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and no warranty of any kind is made with respect thereto. Exact coating type and thickness depend on the specific types of resin being used. Always read, understand, and comply with hazard warnings described in the products' Safety Data Sheet(s) before use.