



PRODUCT SPECIFICATION CIPP LATERAL LINERS

Polymer
Yarn

TPU
High Pile Knit, Polyester

Ultra High Pile

Properties	Units	Method	10021S-09xx-584 HPL	10021S-09xx-558 HP	10021S-09xx-597 HP	10021S-09xx-545 HPH
Fleece Pile Height	mm	ASTM D751	5 ± 5%	5 ± 5%	6 ± 5%	8 ± 5%
Fleece Weight Density	oz/y2	ASTM D751	12 ± 8%	18 ± 8%	19 ± 8%	22 ± 8%
TPU Coating Thickness	mils	ASTM D751	9 ± 5%	9 ± 5%	9 ± 5%	9 ± 5%
TPU Composite Weight	oz/y2	ASTM D751	19.2 ± 5%	26.2 ± 5%	27.5 ± 5%	30.0 ± 5%
Hydrostatic Resistance (Mullens Tester)	psi	ASTM D751-A	100	200	200	200
*Breaking Strength (2" Tensile)- MD	lbs/2in	ASTM D461	100	140	140	140
*Breaking Strength (2" Tensile)- TD	lbs/2in	ASTM D461	55	70	70	70
Coating Adhesion - Styrene Immersion (Reagent Grade, 1hr)			Pass			
Composite Dimensional Stability	%	ASTM D1204	< 2%			

**TPU-felt composite only*

For more information on Flexural Strength/Modulus and Tensile Strength/Modulus, please contact E2.

Product Specifications are minimum values, actual results may be higher.

We believe this information is the best currently available on the subject. It is provided as a suggestion in any appropriate experimentation you may care to undertake. It is subject to revision as additional knowledge, information and experience are gained. We make no guarantee of results and assume no obligation, warranty, or liability whatsoever in connection with this information. In case of conflict between standard and metric specifications, standard shall apply

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