



TECHNICAL DATA SHEET

ITL 40X™

Geomembrane Coated Woven Polyethylene (CWPE)

Property	Test Method	Unit	ITL 40X™
Thickness nominal	ASTM D 1777*	mil	40
Mass per Unit Area	ASTM D 751	oz./yd. ²	18.0
Grab Tensile	ASTM D 751	lbs.	664
Warp		lbs.	706
Weft			
Tongue Tear Resistance	ASTM D 751	lbs.	131
Warp		lbs.	136
Weft			
Hydrostatic Resistance	ASTM D 751	psi	590
Mullen Burst Strength	ASTM D 3786	psi	1,005
Puncture Resistance	ASTM D 4833	lbs.	255
Color	Observed		Black/Black

*ASTM D 1777 Option 1

UV Accelerated Weathering

More than 90% strength retained after 2,000 hours exposure

All values are +/- 10% and are not intended as limiting specifications.

DISCLAIMER: The information contained herein is provided for reference purposes only and is not intended as a warranty or guarantee. Final determination of suitability for application is the sole responsibility of the user. These values are based on testing results from past fabric runs. Each production run varies in final results. If a certain specified value is required, please inform ITL in advance and we can provide current testing results.

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