



Revision Date: 1/17/2019

Approved by: RR

Version: 2

**PRODUCT SPECIFICATION**

**PRODUCT ID # : 10507E-4061**

**40oz TPU Black Ether**

**Base Fabric**

Weight 8.6 oz/yd<sup>2</sup> (292 g/m<sup>2</sup>)  
 Yarn Polyester

**Coating**

Polymer TPU Ether  
 Color Black  
 Width 60.5 in

Physical Properties	Units	Test Method	Typical value	
Thickness	mils	ASTM D751	47.0 (± 5%)	
	mm		1.19	
Weight	oz/yd <sup>2</sup>	ASTM D751	40	
	g/m <sup>2</sup>		1356	
Tear Strength (Tongue Tear)	lbs	ASTM D751- B	125 (MD)	125 (TD)
	N		556 (MD)	556 (TD)
Breaking Strength (Grab Tensile)	lbs	ASTM D751-A	450 (MD) 450 (TD)	
	N		2002 (MD) 2002 (TD)	
Hydrostatic Resistance (Mullen Tester)	psi	ASTM D751-A	800	
	Mpa		5.52	
Abrasion Resistance (H18 wheel, 1000g load)	cycles	ASTM D3884	20000	
Abrasion Resistance (H22 wheel, 1000g load)	cycles	ASTM D3884	10000	
Adhesion- Ply	lb/in	ASTM D751	20	
	N/25mm		88	
Adhesion- Weld	lb/2in	ASTM D413	40	
	N/50mm		175	
Blocking Resistance (Max)	Rating	ASTM D751	2	
Puncture Resistance (Screw Tip)	lbs	ASTM D751	135	
	N		601	
Coefficient of Friction		ASTM D 1894 Static	1.15 +/- 0.15	

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*