



Revision Date: 9/30/2022  
 Approved by: RR  
 Version: 1.1

**PRODUCT SPECIFICATION**  
**PRODUCT ID # : 7087-30120 559**  
**EPT XTRM PLY HPK - 30 oz**

**Base Fabric**

Weight 2.6 oz/yd<sup>2</sup> (88 g/m<sup>2</sup>)  
 Yarn Polyester

**Coating**

Polymer EIA/KEE  
 Color Black  
 Sealing RF, Hot Air, Wedge  
 Width 60.0 in 120 in

Physical Properties	Units	Test Method	Typical value	
Thickness	mils	ASTM D751	34.0 (± 5%)	
	mm		0.86	
Weight	oz/yd <sup>2</sup>	ASTM D751	30.0 (± 5%)	
	g/m <sup>2</sup>		1017	
Tear Strength	lbf	ASTM D4533	40 (MD)	40 (TD)
(Trap Tear)	N		178 (MD)	178 (TD)
Tear Strength	lbs	ASTM D751- B	45 (MD)	50 (TD)
(Tongue Tear)	N		200 (MD)	222 (TD)
Breaking Strength	lbs	ASTM D751-A	225 (MD)	200 (TD)
(Grab Tensile)	N		1001 (MD)	890 (TD)
Breaking Strength	lbs	ASTM D 882	125 (MD)	125 (TD)
( 1" Strip Tensile)	N		556 (MD)	556 (TD)
Elongation (Grab Tensile)	%	ASTM D751-A	20.0%	
Hydrostatic Resistance (Mullen Tester)	psi	ASTM D751-A	300	
	Mpa		2.07	
Abrasion Resistance (H18 wheel, 1000g load)	cycles	ASTM D3884	2000	
Adhesion- Ply	lb/in	ASTM D751	7	
	N/25mm		31	
Adhesion- Weld	lb/2in	ASTM D413	20	
	N/50mm		175	
Low Temperature Bend Test (1/8" Mandrel, 4 hours)	°F	ASTM D2136	-25	
	°C		-32	
Blocking Resistance (Max)	Rating	ASTM D751	#1	
Fungus Resistance		AATCC30	Pass	
Puncture Resistance (Screw Tip)	lbs	ASTM D751	70	
	N		311	
Puncture Resistance (Flat Tip)	lbs	ASTM D4833	110	
	N		489	
Bursting Strength (Ball Tip)	lbf	ASTM D751	325	
	N		1446	
Dimensional Stability (Max)	%	ASTM D1204	2.0%	
Coefficient of Thermal Expansion	/°C	ASTM E831-14	136.9X10-6	
	/°F		76.19X10-6	
Seam Shear Strength	lb/in	ASTM D 7747	125	
	N/25mm		547	
Maximum Static Use Temperature	°F	-	170 F Cont./200 F Int.	

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*

