

Product Specification

EPT Xtrm Ply Black/Blue - 45mil/ 41 oz

PRODUCT ID # : 7087-6209-4560-559

Base Fabric

Weight2.6 oz/yd2 (88 g/m2)
YarnPolyester

Coating

PolymerEIA/KEE
ColorBlack/Blue
Width60 in 120.0 in

Physical Properties	Units	Test Method	Typical value	
Weight	oz/yd ² g/m ²	ASTM D751	41.0 (± 5%) 1390	
Tear Strength (Trap Tear)	lbf N	ASTM D4533	40 (MD) 177 (MD)	40 (TD) 177 (TD)
Breaking Strength (Grab Tensile)	lbs N	ASTM D751-A	200 (MD) 890 (MD)	200 (TD) 890 (TD)
Breaking Strength (1" Strip Tensile)	lbs N	ASTM D 882	150 (MD) 667 (MD)	150 (TD) 667 (TD)
Elongation (Grab Tensile)	%	ASTM D751-A	20.0%	
Hydrostatic Resistance (Mullen Tester)	psi Mpa	ASTM D751-A	400 2.77	
Abrasion Resistance (H18 wheel, 1000g load)	cycles	ASTM D3884	2000	
Adhesion- Ply	lb/in N/25mm	ASTM D751	10 44	
Adhesion- Weld	lb/2in N/50mm	ASTM D413	20 175	
Blocking Resistance (Max)	Rating	ASTM D751	1	
Puncture Resistance (Screw Tip)	lbs N	ASTM D751	70 310	
Puncture Resistance (Flat Tip)	lbs N	ASTM D4833	110 490	
Bursting Strength (Ball Tip)	lbf N	ASTM D751	325 1440	
Dimensional Stability (Max)	%	ASTM D1204	2.0%	
PVC and KEE content	%	ASTM D 8154	Exceeds 10%	
Low Temperature Bend Test	°F °C	ASTM D2136	-25 -32	
Maximum Static Use Temperature	°F °C		170 77 C Con./ 93C Int.	
Chlorinated water resistance (10ppm) star fold @50C for 90 days	Pass/Fail	GRI GM24	Pass	
Chlorinated water resistance (50ppm) star fold @50C for 180 days		GRI GM24	No cracking	
Tensile properties after 90 days in chlorinated immersion 10ppm and 50ppm	Retained 80% min	ASTM D 822	+80%	
Oven aging @ 85C for 90 days Tensile properties after 90 days	Pass/Fail	ASTM D5721	Pass	
in oven aging	Retained 80% min	ASTM D 822	+80%	
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Product Specifications are minimum values, actual results may be higher

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