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Approved by: SM

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PRODUCT SPECIFICATION

PRODUCT ID # : 4120-7094-36120-559

EPT XTRMPPLY PW Tan/ Black- 32oz/36 mil x 120" NSF 61

Base Fabric

Weight 8.3 oz/yd² (281 g/m²)
Yarn Polyester

Coating

Polymer EIA/KEE
Color Tan/Black
Sealing RF, Hot air, Wedge
Width (XXX) 120 in

Physical Properties	Units	Test Method	Typical value
Thickness	mils mm	ASTM D751	36.0 (± 5%) 1.02
Weight	oz/yd ² g/m ²	ASTM D751	32.0 (± 5%) 1085
Tear Strength (Trap Tear)	lbf N	ASTM D4533	150 (MD) 150 (TD) 667 (MD) 667 (TD)
Tear Strength (Tongue Tear)	lbs N	ASTM D751- B	125 (MD) 100 (TD) 556 (MD) 445 (TD)
Breaking Strength (Grab Tensile)	lbs N	ASTM D751-A	400 (MD) 500 (TD) 1779 (MD) 2224 (TD)
Elongation (Grab Tensile)	%	ASTM D751-A	20.0%
Hydrostatic Resistance (Mullen Tester)	psi Mpa	ASTM D751-A	800 5.52
Abrasion Resistance (H18 wheel, 1000g load)	cycles	ASTM D3884	500
Adhesion- Ply	lb/in N/25mm	ASTM D751	8 35
Adhesion- Wedge Weld	lb/2in N/50mm	ASTM D413	20 175
Low Temperature Bend Test (1/8" Mandrel, 4 hours)	°F °C	ASTM D2136	-25 -32
Low Temperature Bend Test	°F °C	ASTM D2136	-30 -34
Blocking Resistance (Max)	Rating	ASTM D751	2
Puncture Resistance (Screw Tip)	lbs N	ASTM D751	100 445
Puncture Resistance (Flat Tip)	lbs N	ASTM D4833	200 890
Bursting Strength (Ball Tip)	lbf N	ASTM D751	650 2891
Dimensional Stability (Max)	%	ASTM D1204	2.0%
Seam Shear Strength	lb/in N/25mm	ASTM D 882	320 1401
Maximum Static Use Temperature	°F °C		170 77

This product conforms with NSF/ANSI 61 Drinking water system components - Protective Barrier Materials (≥ 1500 gal.) and AS/NZS 4020:2018 .

This document is a draft and is provided for information purpose only.
The information contained herein is subject to change. Final Version will be published as soon as adopted

Product Specifications are typical 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

