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Approved by: SM

Version: TL-2

PRODUCT SPECIFICATION

PRODUCT ID # : 4120-7094-060120

EPT Xtrm Ply PW Tan/Black - 56 oz/60 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	ASTM D751	60.0 (± 5%)
	mm		1.70
Weight	oz/yd ²	ASTM D751	56.0 (± 5%)
	g/m ²		1899
Tear Strength	lbf	ASTM D4533	150 (MD) 150 (TD)
(Trap Tear)	N		667 (MD) 667 (TD)
Tear Strength	lbs	ASTM D751- B	125 (MD) 100 (TD)
(Tongue Tear)	N		556 (MD) 445 (TD)
Breaking Strength	lbs	ASTM D751-A	550 (MD) 550 (TD)
(Grab Tensile)	N		2447 (MD) 2447 (TD)
Elongation (Grab Tensile)	%	ASTM D751-A	25.0%
Hydrostatic Resistance (Mullen Tester)	psi	ASTM D751-A	850
	Mpa		5.86
Abrasion Resistance	cycles	ASTM D3884	1000
(H18 wheel, 1000g load)			
Adhesion- Ply	lb/in	ASTM D751	10
	N/25mm		44
Adhesion- Wedge Weld	lb/2in	ASTM D413	20
	N/50mm		175
Low Temperature Bend Test	°F	ASTM D2136	-30
	°C		-34
Blocking Resistance (Max)	Rating	ASTM D751	2
Puncture Resistance	lbs	ASTM D751	130
	(Screw Tip)		N
Puncture Resistance	lbs	ASTM D4833	225
	(Flat Tip)		N
Bursting Strength	lbf	ASTM D751	800
	(Ball Tip)		N
Dimensional Stability (Max)	%	ASTM D1204	2.0%
Seam Shear Strength	lb/in	ASTM D 882	320
	N/25mm		1401
Maximum Static Use Temperature	°F		170
	°C		77

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

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

