Rain 2 Day, Inc.

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Reinforced Polypropylene
36-60 MIL Specifications

Property		Test Method	Values		
Thickness (mils nominal)		ASTM D751	36	45	60
Plies Reinforcing			1	1	1
Breaking Strength (lbs. min)	Warp (MD)	ASTM D751, Method A	275	275	300
	Fill (TD)	ASTM D751, Method A	250	250	250
Tear Strength (Lbs. min)	Warp (MD)	ASTM D751, Tongue Tear	70	70	70
	Fill (TD)	ASTM D751, Tongue Tear	70	70	70
Hydrostatic Resistance		ASTM D751, Method A	350psi	350psi	350psi
Puncture Resistance		FTMS 101C, Method 2031	300 lbs.	300 lbs.	300 lbs.
Ply Adhesive (lbs. /2 inches min)		ASTM D413	40	40	40
Dimensional Stability (%△Max)		ASTM D1204 (108®F/1Hr.)	1%	1%	1%
Low Temperature (Degrees F)		ASTM D2136 (1/8"Mandrel,4Hr)	-40®	-40®	-40®
Abrasion Resistance (# of Cycles)		ASTM D3884 (H18/1Kg)	5,000	5,000	5,000
Stress Crack Resistance		ASTM D1693	3K Hr.	3K Hr.	3K Hr.
UV Resistance		ASTM G155	20K Hr.	20K Hr.	20K Hr.

Factory Seam Properties

Property	Test Method	Values		
Bonded Seam Strength	ASTM D751	<200 lbs.	<200 lbs.	<200lbs.
Peel Adhesive (lbs. /in Min)	ASTM D413	20lb/in	20lb/in	20lb/in