



Kraft Unbleached SPX® - Velocity Premier

Product Specifications



End Uses

SPX-Velocity Premier high performance kraft paper has exceptionally high tensile energy absorption (TEA) in both the cross and machine direction. Combined with high porosity and very good runnability, this paper is ideal for pasted valve sacks for powdered material. Without the need for perforations, where faster filling and cleaner packaging is required, the result is a more cost effective packaging solution.

Fibre Source

SPX-Velocity Premier is manufactured with a blend of virgin fibre from Black Spruce and Jack Pine. These northern boreal slow growing woods have exceptionally high strength potential. Canadian Kraft Paper (CKP) fibre is harvested and replanted in accordance with sustainable forest management practices under CSA, PEFC, and ISO 14001 environmental quality control standards.

Quality Systems

SPX-Velocity Premier quality is controlled with a comprehensive management system registered to ISO 9001 and incorporating elements of environmental (ISO 14001) and employee health and safety (OHAS 18001) management systems. CKP manufactures kraft papers in compliance with FDA as per 21 CFR 176.170 and 176.180, CONEG heavy metals and toxics, German recommendation XXXVI, 94/62/EEC certifications and is Kosher certified. This paper meets the requirements for packaging recoverable by composting and degradation ISO 17088 (2008) and EN 13432 2000. Certificates of compliance to all applicable regulatory requirements will be supplied upon request.

Typical Values SI (ISO 1924-3)

Properties	Units				Test Standard	
Basis Weight	gsm		80	85	90	T410 os-68(1968)
Tensile	kN/m	MD	6.5	6.9	7.3	ISO 1924-3
		CD	5.6	6.0	6.4	
Tensile Index	Nm/g	MD	81	81	81	ISO 1924-3
		CD	70	70	70	
Stretch	%	MD	8.0	8.0	8.0	ISO 1924-3
		CD	8.6	8.6	8.6	
TEA	J/m ²	MD	275	290	310	ISO 1924-3
		CD	280	300	315	
TEA Index	J/g	MD	3.4	3.4	3.4	ISO 1924-3
		CD	3.5	3.5	3.5	
Tear	mN	MD	1020	1100	1200	T414 om-88(1988)
		CD	1020	1100	1200	
Porosity	Sec/100cc		5	5	5	T460 om-88(1988)
Cobb	g/m ² /min		30	30	30	T441 om-90(1990)
Moisture	%		7.5	7.5	7.5	T412 om-90(1990)

Product specifications in effect as of July 1, 2018

MD – Machine Direction CD – Cross Direction

Paper Laboratory Conditions: Temperature = 73.4+/-1.8°F Relative Humidity = 50%+/-2%



Premium 1 Papers 473 West Ave · Kelowna, BC · V1Y 4Z3
 Tel: 250.870.5250 Fax: 250.870.5269 Toll Free: 1.866.611.5268
www.premium1papers.com





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Typical Values Imperial (ISO 1924-3)

Properties	Units				Test Standard	
Basis Weight	lbs/3000ft ²		50	52	55	T410 os-68(1968)
Tensile	lbs/in	MD	37.1	39.4	41.7	ISO 1924-3
		CD	32.0	34.3	36.5	
Tensile Index	Nm/g	MD	81	81	81	ISO 1924-3
		CD	70	70	70	
Stretch	%	MD	8.0	8.0	8.0	ISO 1924-3
		CD	8.6	8.6	8.6	
TEA	ft lb/ft ²	MD	18.8	19.9	21.2	ISO 1924-3
		CD	19.2	20.5	21.6	
TEA Index	J/g	MD	3.4	3.4	3.4	ISO 1924-3
		CD	3.5	3.5	3.5	
Tear	g	MD	105	110	120	T414 om-88(1988)
		CD	105	110	120	
Porosity	sec/100cc		5	5	5	T460 om-88(1988)
Cobb	g/m ² /min		30	30	30	T441 om-90(1990)
Moisture	%		7.5	7.5	7.5	T412 om-90(1990)

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