

End Uses

SPK high performance unbleached kraft paper is recommended for use in applications demanding high CD strength and superior converting runnability.

SPK is used in multiwall shipping sacks; flour, sugar, seed, feed, potatoes, etc., air filled dunnage bags and other specialty uses. SPK has proven to perform exceptionally in industrial applications and high strength laminated paper products.

Fibre Source

SPK 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

SPK 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.

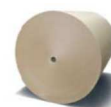
Typical Values SI

Properties	Units					Test Method	
Basis Weight	gsm		80	90	98	115	ISO 536
Tensile	kN/m	MD	7.9	9.1	9.8	11.9	ISO 1924-3
		CD	4.5	5.1	5.6	6.0	
Tensile Index	Nm/g	MD	100	100	100	104	ISO 1924-3
		CD	57	57	57	52	
Stretch	%	MD	2.5	2.7	2.7	3.0	ISO 1924-3
		CD	8.9	8.9	8.7	8.7	
TEA	J/m ²	MD	140	165	190	235	ISO 1924-3
		CD	255	285	300	340	
TEA Index	J/g	MD	1.8	1.8	1.9	2.0	ISO 1924-3
		CD	3.2	3.2	3.1	3.0	
Tear	mN	MD	1060	1200	1300	1575	ISO 1974
		CD	1100	1250	1350	1725	
Porosity	Sec/100cc		15	15	15	15	ISO 5636-5
Cobb	g/m ² /min		30	30	30	30	ISO 535
Moisture	%		7.5	7.5	7.5	7.5	ISO 287

Product specifications in effect as of January 1, 2019

MD – Machine Direction CD – Cross Direction

Paper Test Conditions: Temperature = 23 +/- 1°C, Relative Humidity = 50% +/- 2%



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Typical Values Imperial

Properties	Units					Test Method	
Basis Weight	lbs/3000ft ²		50	55	60	70	ISO 536
Tensile	lbs/in	MD	45.1	52.0	56.0	67.9	ISO 1924-3
		CD	25.7	29.1	32.0	34.3	
Tensile Index	Nm/g	MD	100	100	100	104	ISO 1924-3
		CD	57	57	57	52	
Stretch	%	MD	2.5	2.7	2.7	3.0	ISO 1924-3
		CD	8.9	8.9	8.7	8.7	
TEA	ft lb/ft ²	MD	9.6	11.3	13.0	16.1	ISO 1924-3
		CD	17.5	19.5	20.5	23.3	
TEA Index	J/g	MD	1.8	1.8	1.9	2.0	ISO 1924-3
		CD	3.2	3.2	3.1	3.0	
Tear	g	MD	110	120	135	160	ISO 1974
		CD	115	125	140	175	
Porosity	sec/100cc		15	15	15	15	ISO 5636-5
Cobb	g/m ² /min		30	30	30	30	ISO 535
Moisture	%		7.5	7.5	7.5	7.5	ISO 287

Product specifications in effect as of January 1, 2019

MD – Machine Direction CD – Cross Direction

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

