

**SPK®**

Technical Data Sheet



**End Uses**

SPK high performance kraft paper has been developed for use in applications demanding high strength and superior runnability. SPK is known for its exceptional quality and lighter shade; a preferred choice for many converters.

SPK is used in sewn, pinch and even valve sacks; flour, sugar, seed, feed, potatoes, air filled dunnage bags and other specialty uses.

**Fibre Source**

CKP paper is manufactured using unbleached kraft pulp and consists of 100% Northern Canadian virgin fibre. The slow growing softwood forests provide long fibre that gives our paper its superior strength. The fibre is harvested and replanted in accordance with sustainable forest management practices. CKP paper is fully biodegradable and is an eco-friendly packaging choice.

**Approvals**

CKP paper is produced in compliance with FDA CONEG, and BfR food packaging requirements.

**Certification**

Production of CKP paper is certified in accordance to ISO 9001 quality management system, KSA Kosher, ISEGA & SGS Food Contact. CKP Forest Management System is certified to CSA, PEFC Chain of Custody & ISO 14001 environment management.

**Typical Values SI**

Properties	Units									Test Method	
Basis Weight	gsm		75	80	90	98	105	115	120	145	ISO 536
Tensile	kN/m	MD	7.9	8.4	9.5	10.3	11.1	12.1	12.6	15.2	ISO 1924-3
		CD	4.5	4.8	5.4	5.9	6.2	6.4	6.5	7.8	
Tensile Index	Nm/g	MD	105	105	105	105	105	105	105	105	ISO 1924-3
		CD	60	60	60	60	60	56	54	54	
Stretch	%	MD	2.5	2.5	2.7	2.7	2.8	2.8	2.8	2.8	ISO 1924-3
		CD	8.5	8.5	8.5	8.5	8.5	8.0	8.0	8.0	
TEA	J/m <sup>2</sup>	MD	135	140	165	185	210	235	245	285	ISO 1924-3
		CD	235	250	280	300	315	340	355	400	
TEA Index	J/g	MD	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.0	ISO 1924-3
		CD	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.8	
Tear	mN	MD	970	1040	1170	1260	1400	1500	1600	1850	ISO 1974
		CD	1000	1100	1220	1320	1490	1640	1750	2100	
Air Resistance	Sec/10										
Cobb	Occ		15	15	15	15	15	15	15	15	ISO 5636-5
Moisture	g/m <sup>2</sup> /		30	30	30	30	30	30	30	30	ISO 535
	min		7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	ISO 287
	%										

Product specifications in effect as of July 1, 2020

MD – Machine Direction CD – Cross Direction

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

Marketed by



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



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**Typical Values Imperial**

Properties	Units									Test Method	
Basis Weight	lbs/300 0ft <sup>2</sup>		46	50	55	60	65	70	74	90	ISO 536
Tensile	lbs/in	MD	45.1	48.0	54.0	58.8	63.1	69.1	71.9	86.8	ISO 1924-3
		CD	25.7	27.4	30.8	33.4	35.4	36.5	37.1	44.5	
Tensile Index	Nm/g	MD	105	105	105	105	105	105	105	105	ISO 1924-3
		CD	60	60	60	60	60	56	54	54	
Stretch	%	MD	2.5	2.5	2.7	2.7	2.8	2.8	2.8	2.8	ISO 1924-3
		CD	8.5	8.5	8.5	8.5	8.5	8.0	8.0	8.0	
TEA	ft lb/ft <sup>2</sup>	MD	9.2	9.6	11.3	12.7	14.4	16.1	16.8	19.5	ISO 1924-3
		CD	16.1	17.1	19.2	20.5	21.6	23.3	24.3	27.4	
TEA Index	J/g	MD	1.8	1.8	1.8	1.8	2.0	2.0	2.0	2.0	ISO 1924-3
		CD	3.1	3.1	3.1	3.1	3.0	3.0	3.0	2.8	
Tear	g	MD	100	105	120	130	145	155	165	190	ISO 1974
		CD	105	110	125	135	150	165	175	215	
Air Resistance	sec/100 cc		15	15	15	15	15	15	15	15	ISO 5636-5
Cobb	g/m <sup>2</sup> / min		30	30	30	30	30	30	30	30	ISO 535
Moisture	%		7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	ISO 287

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

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