

**SPK®**

Technical Data Sheet

**SPK®**

### 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 and ISEGA Food Contact. CKP Forest Management System is certified to CSA, PEFC Chain of Custody & ISO 14001 environment management.

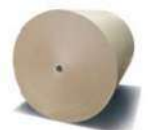
### Typical Values SI

Properties	Units									Test Method
Basis Weight	gsm		75	80	90	98	105	115	120	ISO 536
Tensile	kN/m	MD	7.9	8.4	9.5	10.3	11.1	12.1	12.6	ISO 1924-3
		CD	4.5	4.8	5.4	5.9	6.2	6.4	6.5	
Tensile Index	Nm/g	MD	105	105	105	105	105	105	105	ISO 1924-3
		CD	60	60	60	60	60	56	54	
Stretch	%	MD	2.5	2.5	2.7	2.7	2.8	2.8	2.8	ISO 1924-3
		CD	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	ISO 1924-3
		CD	235	250	280	300	315	340	355	
TEA Index	J/g	MD	1.8	1.8	1.8	1.8	2.0	2.0	2.0	ISO 1924-3
		CD	3.1	3.1	3.1	3.1	3.0	3.0	3.0	
Tear	mN	MD	970	1040	1170	1260	1400	1500	1600	ISO 1974
		CD	1000	1100	1220	1320	1490	1640	1750	
Air Resistance	sec/100cc		15	15	15	15	15	15	15	ISO 5636-5
Cobb	g/m <sup>2</sup> /min		30	30	30	30	30	30	30	ISO 535
Moisture	%		7.5	7.5	7.5	7.5	7.5	7.5	7.5	ISO 287

In effect from July 1, 2022

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 <sup>2</sup>		46	50	55	60	65	70	74	ISO 536
Tensile	lbs/in	MD	45.1	48.0	54.0	58.8	63.1	69.1	71.9	ISO 1924-3
		CD	25.7	27.4	30.8	33.4	35.4	36.5	37.1	
Tensile Index	Nm/g	MD	105	105	105	105	105	105	105	ISO 1924-3
		CD	60	60	60	60	60	56	54	
Stretch	%	MD	2.5	2.5	2.7	2.7	2.8	2.8	2.8	ISO 1924-3
		CD	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	ISO 1924-3
		CD	16.1	17.1	19.2	20.5	21.6	23.3	24.3	
TEA Index	J/g	MD	1.8	1.8	1.8	1.8	2.0	2.0	2.0	ISO 1924-3
		CD	3.1	3.1	3.1	3.1	3.0	3.0	3.0	
Tear	g	MD	100	105	120	130	145	155	165	ISO 1974
		CD	105	110	125	135	150	165	175	
Air Resistance	sec/100cc		15	15	15	15	15	15	15	ISO 5636-5
Cobb	g/m <sup>2</sup> /min		30	30	30	30	30	30	30	ISO 535
Moisture	%		7.5	7.5	7.5	7.5	7.5	7.5	7.5	ISO 287

In effect from July 1, 2022

MD – Machine Direction CD – Cross Direction

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

