

SPX-Velocity Premier®

Technical Data Sheet



End Uses

SPX-Velocity Premier® fully-extensible high porous sack kraft paper has exceptionally high balanced Tensile Energy Absorption (TEA) in both the cross and machine direction.

Combined with high air permeability and excellent runnability, this high porous paper allows for quick filling of the product without perforations, a cleaner dust-free environment and cost effective packaging solutions.

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		70	80	85	90	ISO 536
Tensile	kN/m	MD	5.7	6.4	6.9	7.2	ISO 1924-3
		CD	4.7	5.4	5.9	6.2	
Tensile Index	Nm/g	MD	80	80	80	80	ISO 1924-3
		CD	68	68	68	68	
Stretch	%	MD	8.0	8.1	8.1	8.1	ISO 1924-3
		CD	8.6	8.6	8.6	8.6	
TEA	J/m ²	MD	235	270	285	305	ISO 1924-3
		CD	240	275	290	305	
TEA Index	J/g	MD	3.4	3.4	3.4	3.4	ISO 1924-3
		CD	3.4	3.4	3.4	3.4	
Tear	mN	MD	940	1020	1100	1170	ISO 1974
		CD	960	1100	1150	1220	
Air Resistance	sec/100cc		5	5	5	5	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

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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Certification

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Typical Values Imperial

Properties	Units					Test Method	
Basis Weight	lbs/3000ft ²		43	50	52	55	ISO 536
Tensile	lbs/in	MD	32.5	36.5	39.4	41.1	ISO 1924-3
		CD	26.8	30.8	33.7	35.4	
Tensile Index	Nm/g	MD	80	80	80	80	ISO 1924-3
		CD	68	68	68	68	
Stretch	%	MD	8.0	8.1	8.1	8.1	ISO 1924-3
		CD	8.6	8.6	8.6	8.6	
TEA	ft lb/ft ²	MD	16.1	18.5	19.5	20.9	ISO 1924-3
		CD	16.4	18.8	19.9	20.9	
TEA Index	J/g	MD	3.4	3.4	3.4	3.4	ISO 1924-3
		CD	3.4	3.4	3.4	3.4	
Tear	g	MD	95	105	115	120	ISO 1974
		CD	100	110	120	125	
Air Resistance	sec/100cc		5	5	5	5	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

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%

