



# Polar Kraft® X

## End Uses

A strong, bleached, high performance extensible paper designed for high conversion rate into multiwall bags.

## Fibre Source

British Columbia's northern forests produce some of the finest trees and fibre available for paper. The ideal climate encourages slow growth of white spruce, lodgepole pine and alpine fir. These trees produce cellulose fibres that are long, slender, flexible, and strong - providing an excellent furnish for kraft paper production. The readily collapsible thin cell walls of Canfor Pulp's fibres form ribbons with an exceptional surface area - promoting optimum fibre to fibre bonding for superior strength.

## Typical Values – Metric (1924-3)

Basis Weight		g/m <sup>2</sup>	70	80	85	90	98	Test Method
TEA	MD	J/m <sup>2</sup>	194	222	232	247	283	ISO 1924-3
	CD	J/m <sup>2</sup>	212	235	250	268	291	ISO 1924-3
TEA Index	MD	J/g	2.8	2.8	2.8	2.8	2.8	ISO 1924-3
	CD	J/g	3.0	3.0	3.0	3.0	3.0	ISO 1924-3
Tensile	MD	kN/m	4.5	5.2	5.4	5.7	6.5	ISO 1924-3
	CD	kN/m	3.6	4.0	4.2	4.7	5.1	ISO 1924-3
Stretch	MD	%	6.6	6.4	6.5	6.5	6.7	ISO 1924-3
	CD	%	8.9	8.7	8.9	8.5	8.5	ISO 1924-3
Porosity		s/100	18	16	17	16	16	ISO 5636-5
Tear	MD	mN	1140	1308	1421	1501	1613	ISO 1974
	CD	mN	1223	1441	1549	1610	1817	ISO 1974

Paper Laboratory Conditions: 50% RH, 23°C

Brightness: 82% ISO

Subject to order run minimums.

## Certifications

Using innovative manufacturing technology, Canfor Pulp Ltd. products are made under the ISO 9001 and 14001 management programs to ensure consistency in quality, service and protection to the environment.

Canfor Pulp Ltd. papers are certified for Forest Stewardship Council™ Chain of Custody and PEFC Chain of Custody.

Canfor Pulp Ltd. papers are manufactured in compliance with FDA 21 CFR 176.170 and 176.180, German recommendation XXXVI, CONEG heavy metals and EC directive 94/62/EC.

Certificates of compliance to all applicable regulatory requirements will be supplied upon request.

Effective: January 1, 2018

Canfor Pulp Ltd. paper is produced by Canfor Pulp Ltd. and marketed worldwide by Premium 1 Papers:



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