

EXCELSIOR PACKAGE PADS MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen
Brown Kraft Paper

Size:

	Min. Width (in / cm)	Max. Width (in / cm)	Min. Length (in / cm)	*Max. Length (in / cm)	Weight Per (msi – lb / m ² –kg)
Self Sealed	8.0 / 20.3	24.0 / 61.0	24.0 / 61.0	96.0 / 243.8	1.3 to 2.8 / 0.9 to 1.9
Open End	8.0 / 20.3	24.0 / 61.0	24.0 / 61.0	96.0 / 243.8	1.3 to 6.0 / 0.9 to 4.1

*Longer lengths are available. Please contact your sales representative.

Description:

Excelsior Package Pads are manufactured from Great Lakes Aspen and are encased in 30# Kraft paper. Excelsior Package Pads are available in a variety of sizes with either open or sealed ends, and they provide excellent cushioning for protection of fine china, glassware, pottery, figurines, metal parts, mail order, and a host of other products. Excelsior Package Pads are packaged in twine tied compressed bundles and are available in truckload or less than truckload quantities. Product shall be Manufactured in the U.S.A.

Physical Properties:

Fiber: Great Lakes Aspen
Curled, interlocking fibers with barbed edges

Fiber Size: 80% of fibers ≥ 6.0” (15.2 cm) long
0.018” ± 0.003” x 0.038” ± 0.008”
(0.46 mm ± 0.08 mm x 0.97 mm ± 0.20 mm)

Pad Size: -0” (cm) +1.0” (2.5 cm) width
-0” (cm) +1.0” (2.5 cm) length

Weight**: ± 10% @ 22% Moisture

Water Absorption: 250% ± 25%

Paper: 30# Kraft

Paper Configuration: Totally encased

** Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.



831 Pioneer Avenue • P.O. Box 391 • Rice Lake, Wisconsin 54868
Toll Free 1-866-9FIBERS (1-866-934-2377) or 715-234-6861 • Fax 715-236-5649

www.AmericanExcelsior.com

MANUFACTURER'S CERTIFICATION

EXCELSIOR PACKAGE PADS

Manufacturer:

American Excelsior Company
831 Pioneer Avenue
Rice Lake, WI 54868
Toll Free 1-866-9FIBERS (1-866-934-2377)

Project Information (if applicable):

Name:

Location:

Number:

Statement

We hereby certify that the above referenced material is manufactured to meet or exceed the following specification:

Fiber:	Great Lakes Aspen Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers $\geq 6.0''$ (15.2 cm) long $0.018'' \pm 0.003'' \times 0.038'' \pm 0.008''$ (0.45 mm \pm 0.08 mm x 0.97 mm \pm 0.20 mm)
Pad Size:	-0'' (cm) +1.0'' (2.5 cm) width -0'' (cm) +1.0'' (2.5 cm) length
Weight*:	$\pm 10\%$ @ 22% Moisture
Water Absorption:	250% \pm 25%
Paper:	30# Kraft
Paper Configuration:	Totally encased

* Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.



Tony Johnson - General Manager, Rice Lake

03/18/10
Effective Date

Note: This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacturer's Certifications (MSMC) for AEC products shall be accessed from www.AmericanExcelsior.com at all times.



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