

**MATERIAL SPECIFICATIONS**  
**CURLEX® EVAPORATIVE COOLING PADS –**  
**STITCHED BULK AND FLORAL AIR**

**Materials:**

Great Lakes Aspen  
Polypropylene Netting  
Polypropylene Stitching Thread

**Sizes:**

Min. Width (in / cm)	Max. Width (in / cm)	Min. Length (in / cm)	Max. Length (in / cm)	Weight Per (msi – lb / m <sup>2</sup> –kg)
14.0 / 35.6	38.0 / 96.5	16.0 / 40.6	60.0 / 152.4	2.0 / 1.4

**Description:**

Bulk Cooler Pads are manufactured from Great Lakes Aspen, which are the cleanest, toughest, and most consistent fibers available for evaporative cooling and are stitched together to prevent sagging. Bulk Cooler Pads come in a wide variety of sizes to fit all coolers for greenhouse, poultry, and home cooling applications. Bulk Cooler Pads are packaged in compressed bundles and master bundles. Product shall be Manufactured in the U.S.A.

**Physical Properties:**

Fiber:	Great Lakes Aspen
Fiber Size:	Curled, interlocking fibers with barbed edges 80% of fibers a minimum of 6.0" (15.2 cm) long 0.018" ± 0.003" wide x 0.038" ± 0.008" thick (0.46 mm ± 0.08 mm wide x 0.97 mm ± 0.20 mm thick)
Pad Width:	- 0" (cm), + 0.5" (1.3 cm)
Pad Length:	- 0" (cm) + 1.0" (2.5 cm)
Weight*:	± 10% @ 22% Moisture
Water Absorption:	250% ± 25%
Stitching Thread:	620 Denier Polypropylene
Stitch Pattern:	Stitching Applied to Middle and Edges of pad
Netting:	Polypropylene, white
Netting Opening Size:	5/32" wide x 5/32" long (4 mm wide by 4 mm long)
Netting 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 715-234-6823  
[www.AmericanExcelsior.com](http://www.AmericanExcelsior.com)

W0814R0116

**MANUFACTURER'S CERTIFICATION**  
**CURLEX® EVAPORATIVE COOLING PADS –**  
**STITCHED BULK AND FLORAL AIR**

**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:

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Tony Johnson – General Manager, Rice Lake

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Effective Date

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



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