

# MATERIAL SPECIFICATIONS CURLEX® EVAPORATIVE COOLING PADS – STITCHED SPIN ROLL

# **Materials:**

Great Lakes Aspen
Polypropylene Netting
Polypropylene Stitching Thread

#### Sizes:

Min. Width	Max. Width	Min. Length	Max. Length	Weight Per
(in / cm)	(in / cm)	(ft / m)	(ft / m)	$(msi - lb / m^2 - kg)$
20.0 / 50.8	48.0 / 121.9	24.0 / 7.3	50.0 / 15.2	2.0 / 1.4

### **Description:**

Spin Roll 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. Spin Roll Cooler Pads come in a wide variety of sizes to fit all coolers. Spin Roll Cooler Pads are packaged in compressed rolls of 1 pad per roll and available in truckload or less than truckload quantities. Product shall be Manufactured in the U.S.A.

#### **Physical Properties:**

Fiber Size:

Fiber: Great Lakes Aspen

Curled, interlocking fibers with barbed edges 80% of fibers a minimum of 6.0" (15.2 cm) long

 $0.018'' \pm 0.003''$  wide x  $0.038'' \pm 0.008''$  thick

 $(0.46 \text{ mm} \pm 0.08 \text{ mm wide x } 0.97 \text{ mm} \pm 0.20 \text{ mm thick})$ 

Pad Width: -0" (cm), +0.5" (1.3 cm) Pad Length: -0' (m), +3.0' (0.9 m) Weight\*:  $\pm 10\%$  @ 22% Moisture

Water Absorption:  $250\% \pm 25\%$ 

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 x 4 mm long)

Netting Configuration: Totally encased



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



# MANUFACTURER'S CERTIFICATION CURLEX® EVAPORATIVE COOLING PADS – STITCHED SPIN ROLL

# **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:** 

Fiber Size:

### 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

80% of fibers a minimum of 6.0" (15.2 cm) long

 $0.018" \pm 0.003"$  wide x  $0.038" \pm 0.008"$  thick

 $(0.46 \text{ mm} \pm 0.08 \text{ mm wide x } 0.97 \text{ mm} \pm 0.20 \text{ mm thick})$ 

 $\begin{array}{lll} \mbox{Pad Width:} & -0"\ (cm), +0.5"\ (1.3\ cm) \\ \mbox{Pad Length:} & -0'\ (m), +3.0'\ (0.9\ m) \\ \mbox{Weight*:} & \pm\ 10\%\ @\ 22\%\ Moisture \\ \end{array}$ 

Water Absorption:  $250\% \pm 25\%$ 

Stitching Thread: 620 Denier Polypropylene

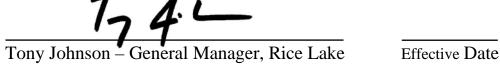
Stitch Pattern: Stitching Applied to Middle and Edges of Pad

Netting: Polypropylene, white

Netting Opening Size: 5/32" wide x 5/32" long (4 mm wide x 4 mm long)

Netting Configuration: Totally encased

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



**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 <a href="www.AmericanExcelsior.com">www.AmericanExcelsior.com</a> at all times.

