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Product Specifications for the Derby Nylon Pinnacle Fiber Mattress

The Derby Nylon Pinnacle Fiber Mattress is produced by special manufacturing techniques. The 100% sealed seam process provides maximum fluid resistance as well as minimum risk exposure. It comes with a fluid-resistant breathable vent and is available with or without a built-in pillow.

Cover Materials: (Must Include)

- 1) 70 denier nylon
- 2) High MVP (Moisture Vapor Permeability) transmission rate- 400mg/m² per 24 hours
- 3) Flame Retardant
- 4) Odor-Resistant
- 5) Antimicrobial properties built in to protect the product
- 6) Virus Barrier
- 7) Washable – See Our Cleaning Instructions
- 8) Abrasion Resistant
- 9) Cover is hypoallergenic- latex free

Construction: (Must Include)

- 1) 100% Sealed Seams (Absolutely No Stitching)
- 2) Breathable Vent (Must resist water, oil, urine, blood, head lice, bed bugs)
- 3) Integrated pillow constructed of solid fiber- Zero loose fill pillow batting
- 4) Core must be full overall length of the mattress, including head rest area, 100% densified polyester, Indura Performance Fiber™ minimum of 10 oz/sq. ft. density
- 5) Core contains no hazardous chemical byproducts- 100% recyclable “green”
- 6) Core is hypoallergenic- latex free
- 7) Thickness to be 6 inches.
- 8) Completed mattress to contain no manufacturing byproduct such as polypropylene film, silk film, or other foreign material detrimental to a secure area.

Features (Must Perform These Tests)

- 1) Flammability testing must meet and exceed the requirements of:
 - A) California Technical Bulletin 117
 - B) 16 CFR part 1632.4
 - C) 16 CFR part 1633

Patent Nos. US 6,351,864, US 6,516,482, & US 6,785,923

Note: This information is furnished for reference purposes only. In order to manufacture to these specifications, one must obtain written permission from Derby Industries.

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