

Questionnaire for Mattresses, Urethane Foam

(Section numbers specified below refer to NC standard specification #7210-3, latest revision. Make a separate copy of questionnaire for each line item as applicable.)

- 1) Bidder _____ Bid line item number _____
Manufacturer _____ Model _____
- 2) Mattress size (I, II, III, IV) _____, width _____", length _____", thickness _____".
- 3) Does mattress core consist of not more than one piece with no breaks or cracks along the edges? _____ (yes/no)
- 4) Is the core made from 100% pure polyether type flexible uncured, cut-slab urethane foam? _____ (yes/no)
- 5) Additives used to increase use life or performance of the mattress do not exceed _____% of the weight of the mattress.
- 6) Compression set of the mattress core, when tested in accordance with section III.A.1, is _____ %
- 7) The 25% IFD value is _____ pounds per 50 square inches, the 65% IFD value is _____ pounds per 50 square inches and the support factor is _____, when tested in accordance with section III.A.2.
- 8) Permanent set (loss in thickness) is _____% and percentage loss of IFD is _____%, when tested in accordance with section III.A.3.
- 9) The minimum density is _____ lb/ft³, when tested in accordance with section III.A.4.
- 10) The tensile strength is _____ lbf/in², and elongation at rupture is _____%, when tested in accordance with section III.A.5.
- 11) The Ball Rebound Resilience Value is _____%, when tested in accordance with section III.A.6.
- 12) Ticking antibacterial test result in accordance with III.B.: vinyl _____ (pass/fail), nylon _____ (pass/fail).
- 13) Ticking hydrostatic resistance, when tested in accordance with III.B.: vinyl _____, using procedure _____ (A1 or B1); nylon _____, using procedure _____ (A1 or B1).
- 14) Ticking weight, when tested in accordance with III.B.: vinyl _____ oz/yd², nylon _____ oz/yd²

- 15) Ticking breaking strength, when tested in accordance with III.B.: vinyl _____ lbf/in warp, _____ lbf/in fill; nylon _____ lbf/in warp _____ lbf/in fill.
- 16) Ticking tear strength, when tested in accordance with III.B.: vinyl _____ lbf warp, _____ lbf fill; nylon _____ lbf warp _____ lbf fill.
- 17) Ticking coating adhesion, when tested in accordance with III.B.: vinyl _____ lbf/in² warp, _____ lbf/in² fill; nylon _____ lbf/in² warp _____ lbf/in² fill.
- 18) Does construction meet all requirements specified in section III.C? _____ (yes/no)
- 19) Are ventilators provided? _____ (yes/no)
- 20) Is mattress labeling in full accordance with section III.D? _____ (yes/no)
- 21) Does mattress meet flame resistance, as specified in section III.E, Flammability? _____ (yes/no)
- 22) Is warranty offered in full accordance with section IV, Warranty? _____ (yes/no)
- 23) Does bidder understand and comply with section VI? _____ (yes/no)

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