



**BUREAU  
VERITAS**

BV Lab Number: \_\_\_\_\_  
 Technician Name: \_\_\_\_\_  
 Test Date: \_\_\_\_\_  
 Reviewed By/Date: \_\_\_\_\_

**DILLARD'S TEST PROTOCOL FOR**  
**DILR-03120-US**  
**INFLATABLE MATTRESS / BED (V15)**

Evaluation	Citation/Method	No. Samples	Criteria	Results	Rating
<b>SUPPLEMENTAL PROTOCOLS</b>					
* California proposition 65	CPSD-AN-PTCL-06572-USA	--	The sample shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.		
* CPSIA Requirements	DILR-GB-PTCL-08444-US	--	All samples shall be reviewed against the requirements of CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.		
Note: Additional cost, sample size & TAT may be required if testing to 1 or more supplemental protocols is necessary. Please refer to the above referenced supplemental protocol(s) for additional information.					
<b>LABELING</b>					
One Time Use Products **Fair Packaging and Labeling Act OR All Other Products **Uniform Packaging and Labeling Regulations	F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130	1	Manufacturer, Packer, or Distributor's Name & Address (City, State & Zip) Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units).		
**Country of origin marking	19 CFR 134	1	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.		
Use labeling	CPSD-GB-01057-MTHD	1	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.		
Claim verification - level 2	CPSD-GB-08612-MTHD	All	Examine the retail packaging (or submitted artwork). Record each objective (factual) claim which can be substantiated by the testing within the protocols and rate accordingly. Record testing that extend beyond existing net quantity / dimensional testing on this protocol. Record all other objective (factual) and subjective (opinion) claims as "NT" and rate as "DATA". Record information evaluated between the graphic imagery and the product. Record disclaimers on datasheet.		



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Use labeling	CPSD-GB-01057-MTHD	1	Use/care instructions shall be clear, concise and understandable, provide step-by-step method of use and be provided in language appropriate to destination countries. Provide a copy of the instructions in the report.		
Use labeling	CPSD-GB-01057-MTHD	1	Use / care instructions that are clear and understandable shall be provided in language appropriate to destination countries.		
Labeling review: flammability of mattresses or mattress pads	16 CFR 1632.31	1	Each mattress and mattress pads shall bear a permanent, accessible, and legible label containing the information specified in the regulation.		
Mattress set labeling	16 CFR 1633.12	1	All Mattress sets shall bear a permanent, conspicuous, and legible label(s) containing the information in English as specified in the regulation.		
Inflatable air mattress – retail package	ASTM F2755-22 Sec. 5		The retail package of each product shall include the same warnings in the same format as specified in Section 3 for the product. Refer to Fig. 1 for the example.		
Inflatable air mattress – instructions	ASTM F2755-22 Sec. 4	1	ANSI Z535.6 shall be used as a guide with respect to the format and location of warnings.  Instructions provided for a product shall include the warnings specified in 3.5 in the same size lettering as specified in 3.4.  Warnings in instructions shall be in contrasting colors and in sans serif font, and shall be in the same format as shown in Fig. 1, but without the orange background.		



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Inflatable air mattress – product labels	ASTM F2755-22 Sec. 3	1	1. Each product shall be labeled with warnings.  2. Warnings shall be in contrasting colors, in sans serif font, visible to the person inflating the product into its use position(s), and permanent. Permanent is defined as the warnings remaining legible when an attempt is made to remove them without the aid of tools or solvents.  3. Warnings shall use ANSI Z535.4 as a guide with respect to legibility, type of lettering, color, and symbol. An example of the warnings is shown in Fig. 1.  4. The safety alert symbol  and the signal word "WARNING" shall be in bold typeface and in uppercase letter not less than 0.24 in. (6 mm) high. The remainder of the text shall be characters whose upper case shall be at least 0.12 in. (3 mm) high.  5. Warning statements shall address the following: a) Babies Can Suffocate. b) To prevent suffocation and death, never place a baby 15 months old or younger on this product. c) Child entrapment hazard. Always position product 1 ft (30 cm) or more away from objects such as walls and dressers to prevent a child from being entrapped. d) Keep product fully inflated when in use. e) See instructions for any additional warnings.		
<b>FLAMMABILITY</b>					
* Flammability of mattress and mattress pad - lighted cigarette-Doc	16 CFR 1632 / CPSD-GB-00001-MTHD	1	A mattress shall not show a char length of more than 2 inches (5.1 cm) in any direction, when tested using lighted cigarette as specified in the test method.  In lieu of testing, test report can be submitted if dated within one year. If testing is required additional charges apply.		
* Flammability (open flame) of mattress set-Doc	16 CFR 1633.3 / 16 CFR 1633.7 / CPSD-GB-00001-MTHD	1	All Mattress sets manufactured, imported, or renovated on or after July 1st 2007 shall not show the total heat release of more than 15 mega-joules in the first 10 minutes of the test or the peak rate of heat release of more than 200 kilowatts.  In lieu of testing, test report can be submitted if dated within one year. If testing is required additional charges apply.		



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<b>PHYSICAL CHARACTERISTICS</b>					
Dimensions	CPSD-GB-01056-MTHD	1	[Length x width - deflated] Report overall dimensions; shall meet label claims (If applicable)		
Dimensions	CPSD-GB-01056-MTHD	1	[Length x width - inflated] Report overall dimensions; shall meet label claims (If applicable)		
Dimensions - thickness	CPSD-GB-01056-MTHD	1	[Top] Report overall thickness; shall meet label claims (If applicable) (-0% / +3%).		
Dimensions - thickness	CPSD-GB-01056-MTHD	1	[Bottom] Report overall thickness; shall meet label claims (If applicable) (-0% / +3%).		
Weight	CPSD-GB-01056-MTHD	1	Report overall weight; shall meet label claims.		
Parts inventory	CPSD-GB-01057-MTHD	1	Shall meet label claims. All listed hardware must be provided.		
Fabric weight	ASTM D3776-09a R2013	1	[Option C] As claimed < 5 oz/sq yd: ± 10% maximum. ≥ 5 oz/sq yd: -5%/+10% maximum.		
Color	CPSD-GB-01057-MTHD	1	As claimed		
<b>WORKMANSHIP</b>					
Sharp points and sharp edges	16 CFR 1500.48 / 1500.49 modified	All	Shall have no sharp points / edges, other than those required for function.  Modification = expanded scope to other products		
Defects	CPSD-GB-01057-MTHD	All	Shall have no discernible surface degradation, including crazing, shivering, denting, bubbles, cracks, stains, deformations, chips, fractures, heavy lines, waves, shear marks, scratches, scuff marks, indentations, or blisters.		
Workmanship	CPSD-GB-01057-MTHD	All	Shall have no components missing, malformed, and / or fractured.		
Fabric defects	ASTM D3990-12 (R 2020)	All	Visual examination to verify noticeable defects such as missing components, obvious knitting/weaving defects, improper functioning component.		



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<b>PERFORMANCE</b>					
Actual use - functionality	CPSD-GB-01058-MTHD	1	Shall function as intended as received.  Testing is limited to verification of basic function. Only function failures will be reported. NT rating shall be given to product that cannot be tested due to testing cannot be replicated in laboratory conditions.		
Breaking strength of textile fabrics: grab test	ASTM D5034-09 R2013	2	50 lbf minimum		
Tensile strength at break	ASTM D882-18	10	[Applicable for plastics in the form of thin sheeting and films with thickness less than 1.0mm] [Width] Report average of tensile strength in lbs/in <sup>2</sup> .		
Percent elongation at break	ASTM D882-18	10	[Applicable for plastics in the form of thin sheeting and films with thickness less than 1.0mm] Report average of percent elongation.		
Failure in sewn seams: woven fabric	ASTM D1683-17(R2018)	2	[Seam strength] Min 40 lb / in		
Bursting strength of textile fabrics: diaphragm method	ASTM D3786-18 (R2023)	2	50 psi minimum		
Puncture resistance	CPSD-HL-01039-MTHD	2	10 lb minimum		
Leak resistance	CPSD-GB-01058-MTHD	1	No deflation in 24 hours under 175 lb even load		
Distributed load capacity	CPSD-GB-01058-MTHD	1	No malfunction, no failure when 500 lb. Test load is applied		
Abrasion resistance of fabric - inflated diaphragm apparatus	ASTM D3886-99 (R2015)	1	No failure @ 100 cycles (0 grit sand paper) (3 psi. Pressure)		
Resistance to corrosion	ASTM B117-18 (mod) / CPSD-HL-01010-MTHD	1	[Applicable to samples or sample components constructed of metal or samples with metallic coatings that can be exposed to the environment]  Shall withstand 24 hours in 1% salt spray (fog) with no noticeable oxidation / corrosion / visual changes.  Modification: 1% salt spray (fog).		



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<b>COLORFASTNESS</b>					
* Colorfastness to crocking	AATCC 8-16e(2022)e	1	[One color included] Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum		
* Colorfastness to rotary crocking	AATCC 116-18	1	[One color included] Dry: Grade 4.0 minimum Wet: Grade 3.0 minimum		
* Colorfastness to water	AATCC 107-22e	1	[One color included] Grade 4.0 minimum		
* Colorfastness to perspiration	AATCC 15-2021 e1	1	[One color included] Grade 3.0 minimum		

Key:

\* Additional Charge For This Test      \*\* Mandatory Requirement

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded

Rating Key:

Good	Good
Fail	Fail

No. Of Samples Required For Complete Testing:	3
No. Of (Fully Packed) Cartons For Transit Testing:	1
No. Of Working Days For Complete Testing:	7

**(Only Upon Dillard's Request)**

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