



Test Report

ANSI/ISEA 121-2018

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Test Report Number: 20210928BELTCMFTL
Job Number: 20210621BELTCMFTL-R
Product SKU#: 42100
Product Type: Independent Anchor Attachment (Belt & Pad)
Product Description: Comfort Fit Padded Tool Belt Large 40 inch to 54 inch
Testing Standard(s): ANSI/ISEA 121-2018
Date(s) of Testing: 6/18/2019

REQUIREMENT VERIFICATION

<u>Requirement Description</u>	<u>Clause/Section</u>	<u>Result</u>
General Requirements	3.1 General	Meets or Exceeds
Markings, Labeling, and Instructions	9. Markings and Instructions	Meets or Exceeds

VERIFICATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Independent Dynamic Test (Belt, Dry)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Belt, Wet)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Belt, Cold)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Belt, Hot)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Pad, Dry)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Pad, Wet)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Pad, Cold)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass
Independent Dynamic Test (Pad, Hot)	6/18/2019	4.3.4 Dynamic Test Procedure for Anchor Systems	Pass

This test report covers these additional products:

Please contact quality@guardianfall.com for signed report.

Test Equipment		
Equipment	Model	Serial
Adjustable Test Weight	50 lb	HOU0003
Adjustable Test Weight	2 lb	HOU0001

3.1	General	
3.1.1	Demonstration of conformity to the requirements of this standard shall be in accordance with ANSI/ISEA 125-2014, <i>American National Standard for Conformity Assessment of Safe-ty and Personal Protective Equipment</i> . The manufacturer shall select the level of conformity assessment claimed, and such level shall be clearly indicated in any claim, in any form, that references compliance with ANSI/ISEA 125-2014.	Meets or Exceeds
3.1.2	Manufacturers shall not claim compliance with any part of the requirements of this standard and shall not use the name or identification of this standard in any statements regarding their respective products unless the product conforms fully to this standard.	Meets or Exceeds
3.2	Documentation	
3.2.1	Dropped object solutions shall be tested to verify compliance with the requirements specified in this standard. At a minimum, the informaton found in the Performance Testing Report shall be maintained by the manufacturer.	Meets or Exceeds
3.2.2	A declaration of Conformity shall be developed for all models for which manufacturer's claims of compliance with this standard are made. At a minimum, the information found on the form in Appendix B2 shall be provided. NOTE: A product solution with design parameters equivalent to a compliant product solution may be considered compliant if variations do not affect the integrity of the product's design or performance.	Meets or Exceeds
3.2.3	The issuer of the Declaration of Conformity shall have procedures in place to ensure the continued conformity of the product, as delivered or accepted, with the stated requirements of the declaration of conformity. The issuer of the Declaration of Conformity shall have procedures in place to re-evaluate the validity of the Declaration of Conformity, in the event of:	
a	changes significantly affecting the design or specification of the product;	Meets or Exceeds
b	changes in the standards to which conformity of the product is stated;	Meets or Exceeds
c	changes in the ownership or structure of the supplier, if relevant; or	Meets or Exceeds
d	relevant information indicating that the product may no longer conform to the specified requirements.	Meets or Exceeds

Notes

9	Markings and Labeling	
9.1	General Each solution shall be marked. The marking shall be:	
	on the product itself or on labels attached to the product	Meets or Exceeds
	permanently affixed so as to be visible and legible	Meets or Exceeds
	provided in at least English	Meets or Exceeds
9.2	Product Label Requirements The following information shall be included on labeling attached to the solution:	
a	Name, trademark or other means of identification of the manufacturer (for all solutions);	Meets or Exceeds
b	Product identification (number, date code and/or serial number) (for all solutions);	Meets or Exceeds
c	Published capacity (ies), identified by weight (for all solutions)	Meets or Exceeds
d	Number of this specific ANSI standard (ANSI/ISEA 121-2018)	Meets or Exceeds
e	Tether length (for tool tethers only);	Meets or Exceeds
f	Max tether length (for anchor points, attachments and if applicable, containers).	Meets or Exceeds
9.3	Instructions for Use Manufacturers shall provide instructions for use for solutions. At a minimum, the following information shall be given:	
a	Necessary warnings of misuse	Meets or Exceeds
b	Limitations on use.	Meets or Exceeds
c	Minimum and maximum size for geometry of solutions including but not limited to tool diameter, person size, etc.	Meets or Exceeds
d	Inspection details.	Meets or Exceeds
e	Clearance distance, if different from max tether length.	Meets or Exceeds

Notes

4.3.4 Independent Anchor Dynamic Test, Belt *dry requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test, Belt *dry requirements per 4.3.4*

Requirement	Sample # 01	Sample # 01	Sample # 01
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	50	50	50
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

4.3.4 Independent Anchor Dynamic Test, Belt *wet requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test, Belt *wet requirements per 4.3.4*

Requirement	Sample # 02	Sample # 02	Sample # 02
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	50	50	50
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

4.3.4 Independent Anchor Dynamic Test, Belt *cold requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test, Belt *cold requirements per 4.3.4*

Requirement	Sample # 03	Sample # 03	Sample # 03
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	50	50	50
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

4.3.4 Independent Anchor Dynamic Test, Belt *hot requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test, Belt *hot requirements per 4.3.4*

Requirement	Sample # 04	Sample # 04	Sample # 04
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	50	50	50
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

4.3.4 Independent Anchor Dynamic Test, Pad *dry requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test,Belt *dry requirements per 4.3.4*

Requirement	Sample # 05	Sample # 05	Sample # 05
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	2	2	2
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

4.3.4 Independent Anchor Dynamic Test, Pad *wet requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test,Belt *wet requirements per 4.3.4*

Requirement	Sample # 06	Sample # 06	Sample # 06
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	2	2	2
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

4.3.4 Independent Anchor Dynamic Test, Pad *cold requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test,Belt *cold requirements per 4.3.4*

Requirement	Sample # 07	Sample # 07	Sample # 07
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	2	2	2
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

4.3.4 Independent Anchor Dynamic Test, Pad *hot requirements per 4.3.4*

- a) Install test fixture onto fixed anchor point.
- b) Attach anchor system to the test fixture in a position that exposes the weakest orientation of the attachment point on that system
- c) Attach one end of the test cable to the attachment point on the system and the other end to a rigid weight
- d) Perform a drop with a test weight equal to the manufacturer's published capacity with a free fall distance of twice the specified tether length allowed by the manufacturer
- e) The test weight shall be released from a point no more than 6 inches (152 mm) horizontally from the center of the cable on the system. The test weight shall be orientated in a way that allows the weight to experience a straight fall
- f) Follow this procedure for two additional drops. A total of three drops shall be recorded

4.3.4 Independent Anchor Dynamic Test,Belt *hot requirements per 4.3.4*

Requirement	Sample # 08	Sample # 08	Sample # 08
Drop Sequence	1	2	3
Freefall distance (in.)	96	96	96
Test Weight (lb)	2	2	2
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes