



Test Report Fit for Purpose

9201 S Winkler Drive
Houston, TX 77017
800-262-4891

Test Report Number: 2021100542118
Job Number: 2021.18.03
Product SKU#: 42118
Product Type: Tool Lanyard
Product Description: Standard Hard Hat Tethers
Date(s) of Testing: 3/18/2021

VERIFICATION TESTING

<u>Test Description</u>	<u>Test Date</u>	<u>Clause/Section</u>	<u>Result</u>
Dynamic Test (Webbing)	3/18/2021	Fit for Purpose	Pass
Dynamic Test (Polyester)	3/18/2021	Fit for Purpose	Pass
Dynamic Test (Cotton)	3/18/2021	Fit for Purpose	Pass
Dynamic Test (Suit/Orex)	3/18/2021	Fit for Purpose	Pass

This test report covers these additional products:

Please contact quality@guardianfall.com for signed report.

Dynamic Test (0.125" Webbing)*fit for purpose*

- a) Choose either an open slot or a secure location on the inner suspension to install the tether.
- b) Slide the webbing through and around the attachment location and through the cam buckle then cinch tight using the cam buckle.
- c) Open the jaws and pinch and fold the clothing. If available always incorporate a seam into the fold. Insert deeply into the jaws to ensure a good connection.
- d) Clamp down, and ensure the tether is secure
- e) Raise hard hat to twice the maximum tether length then release the hardhat
- f) Repeat this test 3 times.

Dynamic Test (0.125" Webbing)*fit for purpose*

Requirement	Sample # 01	Sample # 01	Sample # 01
Drop Sequence	1	2	3
Number of Ply(s)	1	1	1
Hard Hat Weight (lb)	0.8	0.8	0.8
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Dynamic Test (6 oz. Polyester)*fit for purpose*

- a) Choose either an open slot or a secure location on the inner suspension to install the tether.
- b) Slide the webbing through and around the attachment location and through the cam buckle then cinch tight using the cam buckle.
- c) Open the jaws and pinch and fold the clothing. If available always incorporate a seam into the fold. Insert deeply into the jaws to ensure a good connection.
- d) Clamp down, and ensure the tether is secure
- e) Raise hard hat to twice the maximum tether length then release the hardhat
- f) Repeat this test 3 times.

Dynamic Test (6 oz. Polyester)*fit for purpose*

Requirement	Sample # 02	Sample # 02	Sample # 02
Drop Sequence	1	2	3
Number of Ply(s)	4	4	4
Hard Hat Weight (lb)	0.8	0.8	0.8
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes

Dynamic Test (6 oz. Cotton)*fit for purpose*

- a) Choose either an open slot or a secure location on the inner suspension to install the tether.
- b) Slide the webbing through and around the attachment location and through the cam buckle then cinch tight using the cam buckle.
- c) Open the jaws and pinch and fold the clothing. If available always incorporate a seam into the fold. Insert deeply into the jaws to ensure a good connection.
- d) Clamp down, and ensure the tether is secure
- e) Raise hard hat to twice the maximum tether length then release the hardhat
- f) Repeat this test 3 times.

Dynamic Test (6 oz. Cotton)*fit for purpose*

Requirement	Sample # 03	Sample # 03	Sample # 03
Drop Sequence	1	2	3
Number of Ply(s)	4	4	4
Hard Hat Weight (lb)	0.8	0.8	0.8
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Dynamic Test (Paper Suite/Orex)*fit for purpose*

- a) Choose either an open slot or a secure location on the inner suspension to install the tether.
- b) Slide the webbing through and around the attachment location and through the cam buckle then cinch tight using the cam buckle.
- c) Open the jaws and pinch and fold the clothing. If available always incorporate a seam into the fold. Insert deeply into the jaws to ensure a good connection.
- d) Clamp down, and ensure the tether is secure
- e) Raise hard hat to twice the maximum tether length then release the hardhat
- f) Repeat this test 3 times.

Dynamic Test (Paper Suite/Orex)*fit for purpose*

Requirement	Sample # 04	Sample # 04	Sample # 04
Drop Sequence	1	2	3
Number of Ply(s)	4	4	4
Hard Hat Weight (lb)	0.8	0.8	0.8
Test weight arrested?	Yes	Yes	Yes
Result/Assessment	Pass	Pass	Pass

Notes