

Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014 and ANSI/ASSP Z359.7-2019



Bldg 1J, No. 2222, Huancheng Road, Jiading District, Shanghai, China

Declaration #

Declaration Date

Tested Item # **FP-8001** **Comfort FBH 80xx Construction Belted, Medium, Tb Legs/Qb/Ma Buckles**

Additional Items Conforming Under this Declaration:

FP-8001	FP-8002	FP-8003	FP-8004	FB-8005	FB-8006
FP-8007	FP-8008	FP-8009	FP-8010	FP-8011	FP-8012

Poyan Industry-declares that the product(s) listed above is in conformity with the requirements of the following product standard(s):

ANSI Z359.11-2021

Conformity Assessment Method in accordance with ANSI/ISEA 125-2014

Level 1

Level 2

Level 3

Level 1: Poyan Lab
Outside the Scope of
PPE 2016/425 Regulations

Level 2: Poyan Lab
Within the Scope of
PPE 2016/425 Regulations

Level 3: Independent 3rd Party Lab
accredited to
PPE 2016/425 Regulations

Supporting Documentation

Authorized Signature

Name

Title

Date

Poyan Test Report

Test Report Number	PC-2501	Date	1/20/2025	Rev		Rev Date	
Report Prepared For	Poyan						
Initiated By	Zheng	Test Specification	ANSI Z359.13-2013 4.7.1, 4.7.2, 4.7.3, 4.8, 4.9, 4.13.1, 4.13.2, 4.13.3				
Base Part #	82608	Description	Full Body Harness				
Proposed Part #	N/A	Built By Whom	Production	BOM	No		
Test Request #	PC-2501	Date Received	1/15/2025	Date Complete	1/15/2025		
Test Operator	Kaen	Test Operator	Eson				

Material/Sample Identification

Sample ID	Description
80250756	Comfort FBH-1 D-ring Industry / Construction Mating Buckles
80250835	Comfort FBH-1 D-ring Industry / Construction Mating Buckles
80250907	Comfort FBH-1 D-ring Industry / Construction Mating Buckles
80251350	Comfort FBH-1 D-ring Industry / Construction Mating Buckles

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf \geq 1 Minute	3635.6 Lbf Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 1"	0.23" Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf \geq 1 Minute	3640.0 Lbf Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release Pass
	Adjuster Slippage	Slippage \leq 1"	0.33" Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Dorsal D-ring)	3600 Lbf \geq 1 Minute	3604.0 Lbf Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release Pass
	Adjuster Slippage	Slippage $<$ 1"	0.31" Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear Pass



This laboratory is accredited in accordance with the recognized International Standard Module D This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system Poyan Testing Laboratory allows for a +/, 5% tolerance on dynamic and static strength test results.



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FallTech Test Report

Test Report No.	PC-2501	Rpt. Date	1/20/2025	Rpt. Rev		Rev Date	
Report Prepared For	Poyan						
Initiated By	Zheng	Test Specification(s)	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
Part No.	8001	Part No. Revision	C				
Part Description	Comfort FBH-1 D-ring Industry / Construction Mating Buckles						
Test Request No.	PC-2501	Date Complete	1/24/2025				

Test Summary

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf \geq 1 Minute	3665.6 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage \leq 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf \geq 1 Minute	3650.7 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage \leq 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.5	Static Strength (Side D-rings)	3600 Lbf \geq 1 Minute	3660.1 Lbf	Pass
	Hold Test Torso	Shall Not Release Torso	Did Not Release	Pass
	Adjuster Slippage	Slippage $<$ 1"	0.0"	Pass
	Tear Distance (Buckle)	Shall Not Tear $>$ 1"	Did Not Tear Through	Pass
	Tearing (Straps)	Shall Not Show Any Tearing	Did Not Tear	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	4552.3 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	3.7°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	11.6"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load \geq 3600 Lbf	4406.7 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	3.3°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	10.3"	Pass
ANSI Z359.11-2021 4.3.3	Dynamic Performance Dorsal D-ring (Feet First)	Peak Impact Load $>$ 3600 Lbf	4324.0 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $<$ 30°	2.9°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
	Harness Stretch	Shall Not Exceed 18"	9.8"	Pass



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Poyan Test Report

Test Report No.	PC-2501	Rpt. Date	1/20/2025	Rpt. Rev		Rev Date	
Report Prepared For	Poyan						
Initiated By	Zheng	Test Specification(s)	ANSI Z359.11-2021: 4.3.3, 4.3.4, 4.3.5, 4.3.6				
Part No.	8127BM	Part No. Revision	C				
Part Description	Comfort FBH-1 D-ring Industry / Construction Mating Buckles						
Test Request No.	PC-2501	Date Complete	1/24/2025				

Test Summary Continued

Test Specification	Test Criteria	Test Result	Pass/Fail	
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact \geq 3,600 Lbf or 72" Free Fall	72" Free fall 3337.5 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	3.5°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact \geq 3,600 Lbf or 72" Free Fall	72" Free fall 2082.7 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest $<$ 30°	5.1°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.4	Dynamic Performance Dorsal D-ring (Head First)	Peak Impact \geq 3,600 Lbf or 72" Free Fall	72" Free fall 2803.8 Lbf	Pass
	Fall Arrest	Shall Not Release Torso	Did Not Release	Pass
	Post Drop Angle	Angle at Rest \leq 30°	4.4°	Pass
	Impact Indicator	One Indicator Shall Deploy	Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass
ANSI Z359.11-2021 4.3.6	Fall Arrest Indicator Test (Doral D-ring)	At Least One Fall Arrest Indicator Shall Deploy	Visibly and Permanently Deployed	Pass

Conclusion

Based upon the samples provided to the Lab:
The samples meets the requirements of ANSI Z359.11-2021

Report Signatories and Approval

Lab Quality Manager	zheng		Date	1/24/2025
Witnessed by	Kaen		Date	1/24/2025



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