

# 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-8020** **Multi Dielectric FBH 80xx Construction Belted,  
Medium, Mating Buckles**

Additional Items Conforming Under this Declaration:

FP-8020    FP-8021    FP-8022    FP-8023

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  
ISO/IEC Standard 17025:2005

**Level 2:** Poyan Lab  
Within the Scope of  
ISO/IEC Standard 17025:2005

**Level 3:** Independent 3rd Party Lab  
accredited to  
ISO/IEC Standard 17025:2005

Supporting  
Documentation **PC-2501**

Authorized Signature

Name \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_



## 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	Multi Dielectric FBH-4 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



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.



@poyansafety.com

@poyansafety.com

## 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	Multi Dielectric FBH-4 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



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.



@poyansafety.com

@poyansafety.com