

Test Report

No.: GZHL1909040221IF

Date: Oct 18, 2019

Page 1 of 4

BESTWAY (HONG KONG) INTERNATIONAL LTD.

SUITE 713, 7/FLOOR, EAST WING, TSIM SHA TSUI CENTRE, 66 MODY ROAD, KOWLOON, HONG KONG.

Sample Description : ENDURA DIVE FINS

Style / Item No. : 27029,27030

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : SHHL1909052664TY

Sample Receiving Date : Sep 27, 2019

Test Performing Date : Sep 27, 2019 to Oct 18, 219

Test Performed : Selected test(s) as requested by applicant

Test Result(s) : For further details, please refer to the following page(s)

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch




Arthur Mak
Authorized Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Headlines

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Test Conducted: Based on **EN 16804: 2015 Diving equipment - Diving open heel fins – Requirements and test methods**

1. Scope

This European Standard applies to open heel fins for diving where the user is breathing underwater. The purpose of this European Standard is the specification of minimum safety requirements.

2. Number of Tested Sample: 3piece(s)

3. Test Results: Details shown as following table

Clause	Test Item	Test Result
1	Scope	---
2	Terms and definitions	---
3	Design requirements	---
3.1	General The fin shall be designed to be maintained on the user's feet during normal condition of use. Test in accordance with Clause 4.	Pass
3.2	Surfaces in contact with the foot The fins shall not have any projecting parts, or corners and edges, which may injure the user. Test in accordance with 4.1.	Pass
3.3	Heel band Heel band shall be designed so that the fins can be donned and removed easily. Test in accordance with 4.3. If adjustable, when wetted, the heel band of a fin shall withstand a pull force of 150 N, during 10 s, without slipping. Test in accordance with 4.2.1. Any heel band shall withstand a pull force of 200 N, during 10 s, without detaching or slipping out from the buckle and/or attachment. Test in accordance with 4.2.2. The permanent linear deformation of the heel band shall not be greater than 5 % when tested at a pull force of 100 N for 10 s, measurement being carried out 30 min after pulling. Test in accordance with 4.2.3.	Pass
4	Tests	
4.1	Visual inspection Visual inspection shall be conducted at normal visual acuity. The visual inspection shall include tactual examination and the assessment of the device marking, information supplied by the manufacturer and any safety data sheet.	Pass
4.2	Heel band test	



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Clause	Test Item	Test Result
4.2.1	Resistance to slipping The fins shall be suspended on a support body having a radius of 20 mm by means of the heel band. Each heel band adjustment shall be set to its midpoint. A tensile force of 150 N is applied to the open-heel fin in the direction of the heel, for duration of 10 s.	Pass
4.2.2	Resistance to slipping out or detachment The fins shall be suspended on a support body having a radius of 20 mm by means of the heel band. Each heel band adjustment shall be set to its midpoint. A tensile force of 200 N is applied to the open-heel fin in the direction of the heel, for duration of 10 s.	Pass
4.2.3	Permanent linear deformation Test three samples: one end of the band is fixed; apply the force of 100 N to the free end of the heel strap for 10 s. Measure the permanent linear deformation 30 min after the pull test.	Pass
4.3	Practical performance During the test the fins will be subjectively assessed by three test subjects and their comments on the following points shall be recorded after the test: — donning and doffing of the fins as well as adjustment of all straps (if applicable), without help on land; — jumping into water (feet first) from the height of 1,5 m; — swimming at a depth of at least 1 m for 15 m. During jumping and swimming the fin shall not be damaged and shall not detach or become loose.	Pass
5	Marking Each fin shall be marked according to the relevant following items: a) the manufacturer shall be identified by name, trade mark or other means of identification; b) size (if applicable); c) type-identifying mark; d) the number of this European standard.	Pass
6	Information supplied by the manufacturer The information supplied by the manufacturer shall be in the official language(s) of the country of destination and shall be attached to the fins or given in or on the packaging. The information supplied by the manufacturer shall contain all information necessary for trained and qualified persons on instruction how to use and select the fins.	Pass



Sample Photo(s):



Sample as Received



Sample as Received



Sample as Received



Sample as Received

End of Report



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