

## TEST REPORT

EN 60529: 1991 + A1: 2000 (IP code: X8)

Norm International Standard

--- SAFETY---

Degrees Of Protection Provided By Enclosures (IP Code)

Report reference No . : STR10078230S

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Date of issue : Aug. 04, 2010

Testing laboratory : SEM.Test Compliance Service Co., Ltd.

Address : 3/F, Jinbao Commerce Building, Xin'an Fanshen Road, Bao'an District, Shenzhen, P.R.C. (518101)

Testing location : As above

Applicant : Sealoock Outdoor Gear Co., Ltd.

Address : Flat.d 9/F., Union way Commercial Center, No.283 Queen Road Central, HongKong

Manufactory : Yi Fu Long Outdoor Gear Co., Ltd.

Address : 4<sup>th</sup> Floor, The North Part, 16-1#, Nan Tong Road, NanLian Village, LongGang District, ShenZhen City, China

Standard : EN 60529: 1991 + A1: 2000

Test procedure : Type Test

Procedure deviation : N.A.

Non-standard test method : N.A.

**This test report is specially limited to the above client company and product model only. It may not be duplicated without prior written consent of SEM.Test.**

Type of test object : waterproof phone bag

Trademark : Sealoock

Model/type reference : SL-A004

IP code : IPX8

**TABLE OF CONTENTS**

1 - GENERAL INFORMATION ..... 3

    1.1 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) ..... 3

    1.2 OBJECTIVE ..... 3

    1.3 RELATED SUBMITTAL(S)/GRANT(S)..... 3

    1.4 TEST METHODOLOGY ..... 3

    1.5 TEST EQUIPMENT LIST ..... 4

    1.6 EQUIPMENT UNDER TEST (EUT) ..... 4

2 - TEST FOR PROTECTION AGAINST WATER FOR CHARACTERISTIC NUMERALS 8 (CLAUSE 14.2.8) ..... 5

    2.1 METHOD..... 5

    2.2 RESULTS..... 5

3 – EUT PHOTOGRAPHS ..... 6

SEM. Test Compliance Service Co., Ltd

# 1 - GENERAL INFORMATION

## 1.1 Product Description for Equipment Under Test (EUT)

The Sealock Outdoor Gear Co., Ltd's product, the model of SL-A004 referred to in this report is a waterproof phone bag. All the tests of this report are carried on model SL-A004.

## 1.2 Objective

The following Declaration of Conformity of a waterproof phone bag is prepared on behalf of Sealock Outdoor Gear Co., Ltd in accordance with EN 60529: 1991 (+ A1: 2000), Degrees of protection provided by enclosures (IP code). The objective of the manufacturer is to demonstrate compliance with EN 60529: 1991 (+A1: 2000). Currently, EN60529: 1991 (+A1: 2000) references seventeen tests to be performed.

They are as follows:

2-TEST FOR PROTECTION AGAINST WATER

Data has been collected, reduced, and analyzed within this report in accordance with EN60529: 1991 (+ A1: 2000). In order to demonstrate compliance, the manufacturer or a contracted laboratory makes measurements and takes the necessary steps to ensure that the equipment complies with the appropriate technical standards.

## 1.3 Related Submittal(s)/Grant(s)

No Related Submittals

## 1.4 Test Methodology

All measurements contained in this report were conducted with EN 60529: 1991 (+ A1: 2000), Degrees of protection provided by enclosures (IP code). All measurement was performed at SEM, Test.

### 1.5 Test Equipment List

| <b>Instrument Type</b> | <b>Model</b> | <b>Manufacturer</b> | <b>Instrument I.D</b> | <b>Cal. Last Date</b> | <b>Cal. Due Date</b> |
|------------------------|--------------|---------------------|-----------------------|-----------------------|----------------------|
| Water Container        | MT08         | SEM                 | MS011                 | 2010-07-17            | 2011-07-16           |
| Digital stopwatch      | SW8019       | SEWAN               | ST01                  | 2010-07-17            | 2011-07-16           |

### 1.6 Equipment Under Test (EUT)

| <b>Description</b>   | <b>Model</b> | <b>Manufacturer</b>               | <b>Safety Class</b> | <b>Brand Name</b> |
|----------------------|--------------|-----------------------------------|---------------------|-------------------|
| Waterproof phone bag | SL-A004      | Yi Fu Long Outdoor Gear Co., Ltd. | N.A.                | Sealock           |

## **2 - Test for protection against water for characteristic numerals 8 (Clause 14.2.8)**

### **2.1 Method**

The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied:

- Located at 15m below the surface of the water.
- Test duration: 1 hour
- The water temperature does not differ from that of the equipment by more than 5 K.

### **2.2 Results**

After the test, there was no water entered the sample. Sample passed the IPX8 test.

### 3 – EUT PHOTOGRAPHS



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\*\*\*\*\*End of Test Report\*\*\*\*\*