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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 34315.3-2017

Small craft -- Inflatable life rafts -- Part 3: Materials

小艇 气胀式救生筏 第3部分：材料

(English Translation)

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Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Fabric
- 3.1 Materials
- 3.2 Test

Foreword

GB/T 34315 "dinghy inflatable liferaft" has been or is scheduled to be released the following section.

--- Part 1. Type I;

--- Part 2. Type II;

--- Part 3. Materials.

This section GB/T 34315 Part 3.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with the international standard ISO 9650-3:2009 "dinghy inflatable liferaft Part 3. Materials." this part is proposed by China State Shipbuilding Corporation.

This part of the National Standardization Technical Committee boats (SAC/TC241) centralized.

This part of the drafting unit. China Shipbuilding Industry and Technology Institute of integrated economy.

1 Scope

This part of GB/T 34315 specifies the materials used in the construction of inflatable life rafts as defined in ISO 9650-1 and ISO 9650-2 Requirements and test methods.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the

latest edition (including all amendments) applies to this document.

GB/T 18426-2001 Rubber or plastic coated fabric low temperature bending test (idt ISO 4675:1990) ISO 1419 Rubber or plastic coated fabric accelerated aging test (Rubber-or-plastics-coated-fabrics-Accelerated-ageing-tests) ISO 1421 Rubber or plastic coated fabrics - Determination of tensile strength and elongation at break (Rubber-or-plastics-coated-fabrics-Determination of tensile strength and elongation at break) ISO 2231 Rubber or plastic coated fabric conditioning and testing of the standard environment (Rubber-or-plastics-coated-fabrics-Standard atmospheres for conditioning and testing) ISO 2411 Rubber or plastics coated fabrics - Determination of adhesion - Rubber-or-plastics-coated-fabrics-Determination of coating adhesion) ISO 3011 Rubber or plastic coated fabrics - Determination of resistance to ozone cracking under static conditions (Rubber-or-plastics-coated-fabrics-Determination of resistance to ozone cracking under static conditions) ISO 4674-1 Rubber or plastics coated fabrics - Determination of tear resistance - Part 1. Constant-speed tear method (Rubber-or-plastics-coated-fabrics-Determination of tear resistance - Part 1: Constant rate of tear methods) ISO 5978 rubber or plastic coated fabric resistance test (Rubber-or-plastics-coated-fabrics-Determination of blocking resistance) ISO 9227 artificial atmosphere corrosion test salt spray test (Corrosion tests in artificial atmospheres - Salt spray tests

3.1 Materials

Materials used in buoyancy compartments, floors, roof supports and roofing should be single or double coated fabric.

The base cloth should have inherent corrosion resistance.

Note: Cotton based fabrics are not considered to be corrosion resistant.

3.2 Test

When tested in accordance with the methods of Chapter 6, the material shall comply with the requirements of Table 1.