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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3733-2013

Flexible intermediate bulk containers(FIBCs). Test method for cyclic top lift

集装袋 循环顶吊试验方法

(English Translation)

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Preview: page 1 of 3 shown, 6 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and Definitions

Foreword

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

The reference to the standard ISO 21898:2004 "Packaging container bags containing non-dangerous goods", the relevant test of the top hang loop FIBC Technical content is consistent with the above criteria.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the Container export commodities transport packaging methods and procedures for circulation of the top hang test.

Top hanging loop test is applicable to the export of non containing dangerous goods transport packaging FIBC.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

ISO 21898 packaging containing non-hazardous goods container bags

3 Terms and Definitions

As defined in ISO 21898 and the following terms and definitions apply to this document.

Container flexibleintermediatebulkcontainers; FIBCs Capacity of not more than 3.0m3, loading NW flexible intermediate bulk containers of 400kg ~ 3000kg. Mainly composed of

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woven plastic or with Body other flexible material combinations and, if necessary, appropriate lining and lifting the top member.

Heavy-duty reusable FIBC heavy-dutyreusableflexibleintermediatebulkcontainer can be repaired, multiple loading, unloading of bulk bags, but the mechanical strength after repair must meet the mechanical strength of the repair before.

Standard FIBC standard-dutyreusableflexibleintermediatebulkcontainer reusable it may be a limited number of loading, unloading of bulk bags, not repair, but you can replace the inner bag.

Disposable Container single-tripflexibleintermediatebulkcontainer Container can only be filled once used, can not be repaired or replaced within the bag re-use.

Safety load safeworkingload; SWL the maximum allowable load Container load use.

Test Method 4

4.1 by the filled FIBC lifting member hanging up, a pressure plate disposed above the filler, pressurized to a certain rate, the pressure side Optionally type in one of two ways.

a) hanging from the FIBC lifting upward pressure plate produce a downward resistance;

b) Container suspended in a fixed frame, a pressure plate produce a downward force.

4.2 The filled FIBC subject to repeated pressure relief, pressure cycles. Record of these forces, and see if there is any impact Container

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