CIMTO

Testing of packaging

flexible IBC (FIBC)

For the transport of dangerous solid or granular substances, we offer testing and subsequent certification of flexible IBC packaging.

Our work is grounded in the authorisation of the Ministry of Transport and certification in transport packaging for dangerous goods and the relevant accreditation.

This is packaging of plastic fabrics, which are, according to international regulations, referred to as 13H.

What are the required parameters for the following packaging?

According to international regulations, the following requirements apply to flexible IBC of the following types:

- 13H1 plastic fabric without inner coating or inner liner,
- 13H2 plastic fabric with an internal coating,
- 13H3 plastic fabric with an inner liner,
- 13H4 plastic fabric with an internal coating and inner liner.

The body shall be made of suitable materials. The strength of the material and the design must be adapted to the internal volume of the FIBC and its intended use. Joints must be stitched, heat welded, glued, or made by any other equivalent procedure. All the ends of the sewn joints must be secured before releasing the suture.

FIBC must have sufficient resistance to aging and decline in strength caused by ultraviolet rays, climatic conditions, or stuffed substances to be suitable for the intended use.

In a filled state, its ratio of height to width shall not exceed 2:1.

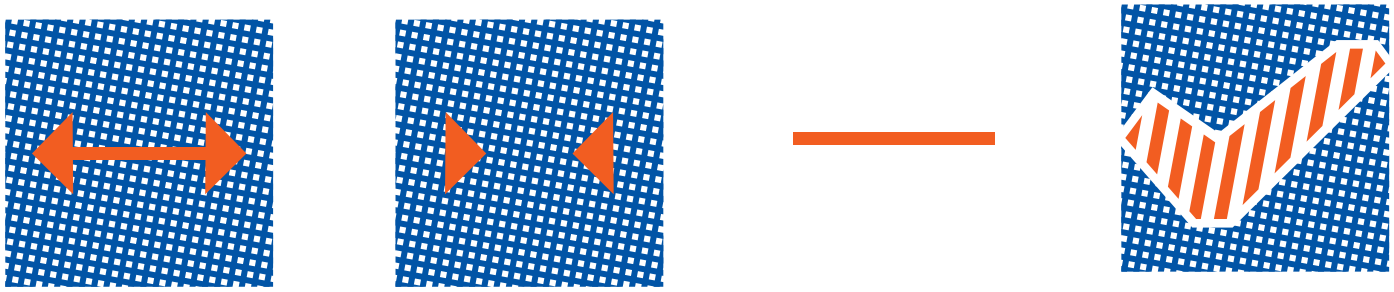
The inner liner shall be made of suitable material. The strength of the material used and the design of the inner liner must be proportionate to the internal volume of the FIBC and the intended use. Joints and closures shall be dust proof and able to withstand the pressure and shocks that arise under normal conditions of handling and transport.

Compliance with international regulations

A flexible IBC must comply with the following sections of international regulations:

- ADR - chap. 4.1 and 6.5
- RID - chap. 4.1 and 6.5
- RTDG - chap. 4.1 and 6.5
- IMDG-Code - chap. 4.1 and 6.5

For the creation and implementation of the methodology we also use technical standards, specifically ČSN EN ISO 16495 Packaging – Transport packaging for dangerous goods – Test methods.



The international validity of our law

The certificates and UN permits issued by our company are valid worldwide.

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