

TEST CERTIFICATE OF FIBC

Report No. :
Issued Date : **23/07/2022**

Bag Reference No. : **SWL: 1000 Kgs** **Safety Factor: 5:1**
Manufacturer :
Testing required for : **Flexible Intermediate Bulk Container (FIBC) submitted** by Manufacturer, for the transport of Non- Dangerous Goods -SWL = 1000 Kgs, Safety Factor = 5:1 Single Trip, Single Test Report, As per EN ISO 21898
Sample submitted by :

Sample submitted on : 19/07/2022

Submitted samples was tested by our approved subcontractor and reported as under,

Date of Testing : 22/07/2022

FIBC Construction : **Base** (85 x 85 Cms) x **Height** 85 Cms. (OD)
Flexible intermediate bulk container (FIBC) produced from 130 GSM.
PP/white/130 GSM/Uncoated/U+2/ Top Open / Flat Bottom.
Lifting by 4x30 Cms Standard Corner Loops, width 40 mm.
Long arm on the body 60 Cms, Short arm on the body 40 Cms, Webbing weight 28 Grm/Mtr., Webbing sewn on vertical seam by Hiracle + Safety Stitching.

Note : **As per manufacturer declaration Fabric of this sample has been produced using 30% of Recycled Polypropylene Granules.**

Test Standard : Testing according to the EN ISO 21898 FIBC.

Sample Selection : Testing was carried out on four samples submitted by the applicant.

Details of Testing : **1. Annex B (Cyclic Top Lift Test)**
Sample was subjected to cyclic test as per Para B.3
30 Cycles at 2:1(2000 Kg) - OK
31st Cycle to destruction: When applied a load of 5009 Kgs the bag failed due to fabric breakage from side panel bottom stitching.
Result: Bag passed for 1000 kilo 5:1 Safety Factor.
2. Annex C (Compression Test)
Sample was subjected to Compressions SWL x 4 = 4000 Kg for Six Hours - No Loss of Material seen.
Result: Bag Passed.

Comments : This report refers to the tests as mentioned above and shows compliance of Requirements of EN ISO 21898

Validity : **This report shall be valid from the date of testing 22/07/2022 & expiry date shall be 21/07/2025 only.**

Samples not drawn by Cotecna. Testing was performed by our approved subcontractor on the sample(s) submitted to us by our Principal hence Cotecna's liability is limited up to the extent of accurate reporting of test results delivered by our subcontractor. Results reported in this report cannot be reproduced in parts or full without permission of Cotecna. Cotecna shall not be responsible for any variation in test results performed on any other sample.

Enclosures

Annexure –A -Test diagram

Annexure –B - Direction for use and conditions

The authenticity of this document may be verified at <https://e-dox.cotecna.com/validator>

This certificate is only valid if presented in original and printed on security paper or issued on Cotecna's Edox system and received in its digital format. Copies of this certificate are not valid unless accompanying its original. This inspection has been performed on the goods for which it was requested according to our professional standards and to the best of our knowledge on the date and at the place it was performed, within the scope of instructions received. This inspection does not release seller(s) and/or supplier(s) and/or shipper(s) and/or other parties involved from their respective contractual obligations and does not prejudice the buyer(s)/receiver(s)' right to claim, under applicable law and contract, compensation from seller(s)/supplier(s)/shipper(s) regarding any defects not detected during our inspection or occurring thereafter. This inspection is also subject to COTECNA Terms and Conditions of Business 2022." (<http://www.cotecna.com/en/About-Cotecna/Terms-Conditions>). Headings and titles in this certificate/report are for reference only and the findings contained herein prevail as stated.

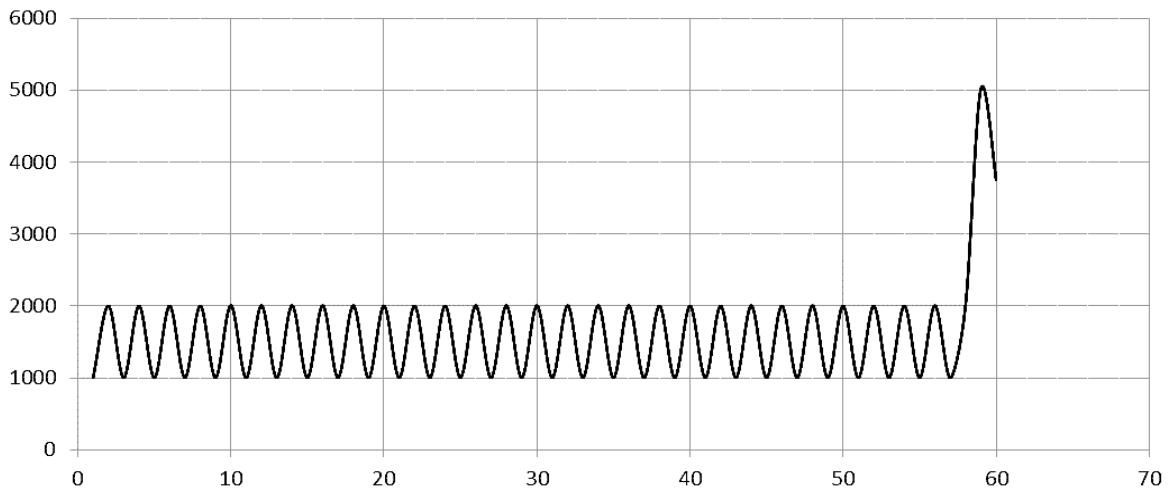
Issued on **23/07/2022** and signed at Indore on behalf of
For, COTECNA INSPECTION INDIA PVT. LTD.

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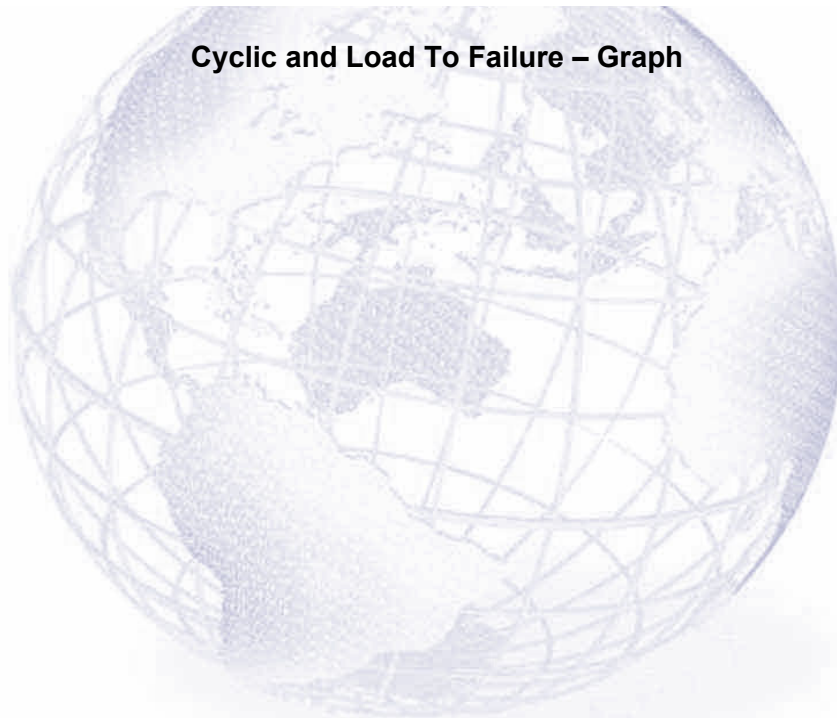
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ANNEXURE – A
Test Diagram

Issued Date **23/07/2022**



Cyclic and Load To Failure – Graph



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Annexure – B

Issued Date **23/07/2022**

Directions for use of this Report

This report covers FIBCs of similar design, manufactured using similar material and methods of construction as mentioned in this report and dimensions as listed below and in the report. The use of other methods or components may render the report invalid.

Permitted	Not Permitted
Base without discharge spout.	Any type of discharge spout.
Base dimensions of between 85 Cms x 85 Cms and 93 Cms x 93 Cms.	Base dimensions smaller than 85 cm x 85 cm. Base dimensions larger than 93 cm x 93 cm.
Bag height 85 Cms. and above, subject to approval of other size designs.	Bag heights lower than 85 Cms.
Use for one filling and one discharge only.	Re-use of the FIBCs.
Open top or any other design of top construction.	Use after expiry date of this report: 21.07.2025
Use for tested SWL.	Higher filling than SWL.

Label

All FIBCs produced should have a label attached to these with permanent marks. The label should be easily visible and legible. The layout can be changed.

Manufacturer's Name & Address and Logo	
Manufacturer's reference (unique to the hereby certified FIBC)	
SWL 1000 kg : Safety Factor 5:1	
Logos of memberships etc.	Test Report No.
	Test Report Date
	Approved By : COTECNA Inspection India Pvt. Ltd.
	Test Standard : EN ISO 21898
	FIBC Class : Single Trip
Date FIBC manufactured:	
Handling Recommendations:	
Always Lift Vertically Using All Four Loops	
Protect From Direct Sunlight & Water	
Read the label carefully before use. Don't exceed SWL. Avoid Snatch Lift & Jerk Stops.	
Supplier's Name Address (if required)	

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Cotecna™ E-DOX TERMS AND CONDITIONS (2022)

1. The Parties

- 1.1 The Services (as defined hereunder) are provided by COTECNA INSPECTION SA and/ or any affiliated company (hereinafter the «Company»).
- 1.2 Individuals or entities which make use of the Services provided by the Company by accessing its Web Site (hereinafter the «User»).

2. Terms and conditions

- 2.1 By accessing the <https://e-dox.cotecna.com/validator> web site (the «Web Site») the User (as defined below) agrees to be bound by these E-Dox Terms and Conditions (hereinafter «Terms and Conditions») applicable to: i) access and use of the E-Dox platform via the Website and ii) the electronic transfer of data between the Parties and to data authentication services provided through the Web Site (the «Services»). Such agreement is binding between the User and the Company (as defined below). COTECNA INSPECTION SA reserves the right to amend these Terms and Conditions at any time.
- 2.2 The Terms and Conditions do not govern any other services which the Company may provide under one or more separate agreement, such as, inter alia, testing, inspection, certification or audit services.

3. Issuance of Electronic Documents

- 3.1 The Company, as licensor, may, at its sole discretion, offer the User the option to receive inspection certificates, reports and/or other documents by email (the «Electronic Documents»). In such case, subject to the User's compliance with its obligations under these Terms and Conditions, the Company grants to the User, a revocable, limited, non-exclusive, non-transferable, and worldwide right to access and use the Website, in accordance with these Terms and Conditions and any other instruction provided by the Company.
- 3.2 The User shall instruct the Company in writing of the parties which may receive the Electronic Documents. The Company will ensure that the third parties expressly designated by the User can receive such Electronic Documents in the same way as the User itself. The Company waives all liability for any claim for loss, damage or expenses of whatever kind or origin which may arise from the transmission of Electronic Documents to the User or any of its named parties.
- 3.3 As between the Parties, the Company shall be and remain the sole owner or licensor, as applicable, of all rights, title and interest, in particular all intellectual property rights, in and to the website (as well as any associated documentation), and any other element, improvement, enhancement or modification resulting therefrom. Nothing herein shall operate any assignment or transfer of any intellectual property rights to User.

4. Authentication of Electronic Documents

- 4.1 The Company provides the Web Site for the User's convenience only. It is the User's responsibility to check the authenticity of the Electronic Documents.
- 4.2 The Company shall not assume any responsibility for the accuracy and completeness of the Electronic Documents if their authenticity has not been checked by the User on the Web Site.
- 4.3 The Company shall not be liable for any damages the User may incur resulting from transmission errors, including but not limited to technical defects, systems overload, interruptions or malfunctions.

5. Network safety and Limitations of Liability

- 5.1 The Company will take all necessary security measures regarding the Electronic Documents. However, the security of the User's computer and/or network is beyond the Company's control waives any responsibility thereof.
- 5.2 The User acknowledges that lack of security measures at its end can increase the risk of illicit access to the Electronic Documents and accepts responsibility for implementing its own security measures.
- 5.3 The User specifically agrees to use state of the art antivirus protection to avoid infection of its own network and potentially the Company's and its other customers. Failure to do so may cause the Company harm for which the User accepts full liability.
- 5.4 The Electronic Documents are to be treated as original documents in compliance with article 17(b) of the Uniform Customs and Practice for Documentary Credit [ICC Publication No. 600] and articles e3(a)(ii) and e3(b)(iii) of the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (eUCP) Version 2.0. The User acknowledges that the Electronic Documents may, however, be refused by transaction counterparts and accepts that the Company will not bear any liability for claims and/or losses in that regard.
- 5.5 Liability for serious fault is according to the relevant provisions of Swiss law. For all other cases, the liability of the Company for any claim for loss, damage or expenses of whatever kind or origin is limited to the lesser of the following amounts:
 - i. The equivalent of ten (10) times the fees paid (or otherwise payable) for the Services pursuant to these Terms and Conditions, or
 - ii. USD 25,000 (twenty-five thousand US Dollars).The Company will not incur any liability either directly or for consequential or derivative damages including loss and profits, losses of future businesses, losses of production and/or cancellation of contracts concluded by the User due to the use of these Services.
- 5.6 The Web Site is provided on an *AS IS* and *AS AVAILABLE* basis. To the maximum extent permitted under applicable law the Company expressly disclaims all warranties, whether express, implied or statutory, including any warranties of merchantability, fitness for a particular purpose, quiet enjoyment and non-infringement of third party rights. Further, the Company neither represents or warrants that the Website and Services will be uninterrupted, error-free, accurate or entirely secured.

6. Amendments and modifications

- 6.1 No modification or amendment of one of the clauses of these Terms and Conditions will have effect unless made in writing and signed by a person duly qualified for this purpose by COTECNA INSPECTION SA.
- 6.2 If one or more provisions of these Terms and Conditions should prove to be illegal or inapplicable for whatever reason, the validity and application of the other provisions will not in any case be affected by it.

7. Applicable law, jurisdiction and settlement of disputes

These Terms and Conditions are governed and interpreted according to Swiss law and any disagreement will be judged in a definitive way in accordance with the Swiss Rules of International Arbitration of the Swiss Arbitration Centre in force on the date on which the notification of arbitration is lodged in accordance with this Regulation. The place of this arbitration shall be Geneva, Switzerland. The proceedings will be conducted in English, unless the parties together decide differently. The arbitration court will be composed of three (3) arbitrators, unless the litigious value is below 1 Mio CHF in which case there shall be 1 arbitrator.