

**FIBC TEST CERTIFICATE**

**CERTIFICATE REPORT NO. : EX/03/MTPL/18-19/FIBC/03**

**Date : 09/03/2019**

**Samples of FIBC Bags submitted by M/s. Mittal Technopack Pvt. Ltd., Kolkata, West Bengal, India for the testing and details are as follows.**

**Sample Bag Code No.:** ESPL/FIBC/MTPL/11/18-19 **SWL : 1500 Kg.** **Safety Factor : 5:1**

**Manufactured by :** **Mittal Technopack Pvt. Ltd.**  
"Gujrat Mansion", 2<sup>nd</sup> Floor  
14, Bentink Street  
Kolkata – 700 001

**Testing of :** **Flexible Intermediate Bulk Container(FIBC)** submitted by the manufacturer, For transport of Non-Dangerous goods – SWL – 1500 Kg. Safety Factor – 5 :1 Single Trip, Single Report as per ISO 21898.

**Sample submitted by :** **Mittal Technopack Pvt. Ltd.** through their representative.

**Sample received on :** **05/03/2019**

**Testing on submitted samples was done by us on 06/03 & 07/03/2019 and detailed reports are as follows.**

**FIBC Construction :**

**Sample MTPL/05/18-19 :** **Base** (86 x 86 cm.) x **Height** 86 cm.  
Flexible intermediate bulk container (FIBC) produced from 170 GSM (U+2).  
PP/White/Uncoated/Top Open/Bottom Spout 40 x 50 cm./4 Std. Corner Loop,  
Lifting by 4 x 30 cm. and width 4.5 cm / Long Leg 70 cm & Short Leg 40 cm./  
webbing weight 42 gm/mtr.

**Test Standard :** Testing as per ISO 21898 Single Trip FIBC.

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

**Details of Testing**

**Test Conditions:** According to ISO 21898, recycled P.P. Granules used.

**Sample - MTPL/05/18-19 :** **1. Annex B (Cyclic Top Lift Test)**  
Sample was subjected to cyclic test as per Para B.3  
30 Cycles at 2:1 (3000 Kg) - OK  
31<sup>st</sup> Cycle to destruction: When applied a load of 8212 Kgs the bag failed due to short leg pull out from stitching.

**Result:** Bag passed for 1500 kilo 5:1 Safety Factor.

**2. Annex C (Compression Test)**

Sample was subjected to Compression Test for 6 hours - No damage to the FIBC and no loss of plastic granules was observed.

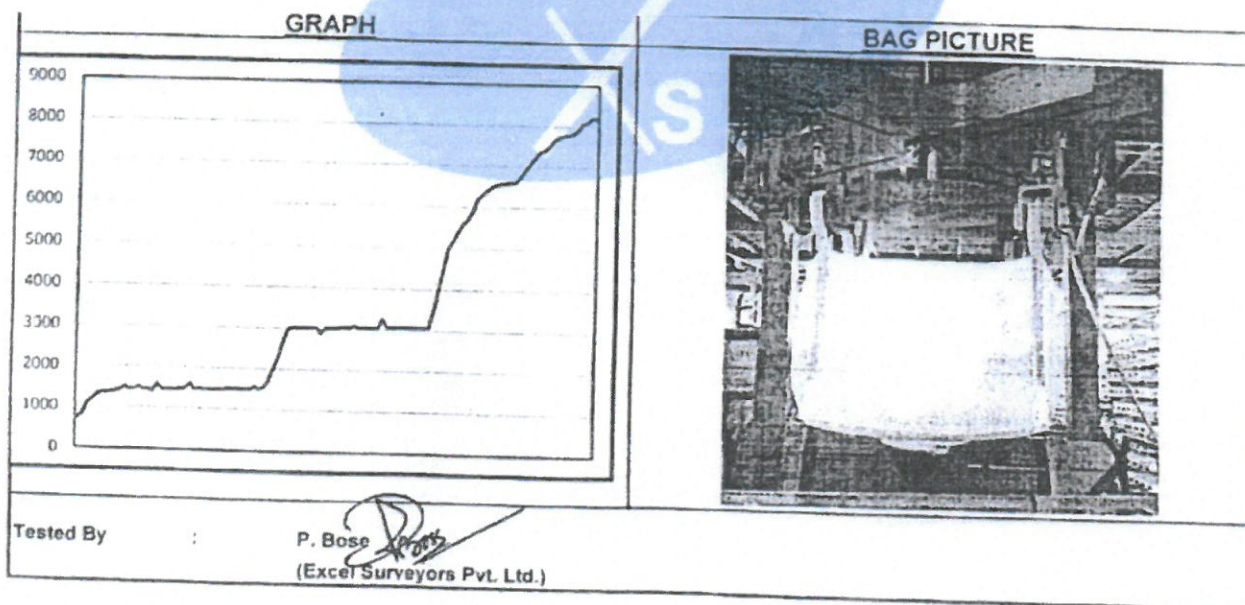
**Result:** Bag Passed.

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

Validity : This report shall be valid from the date of testing 08/03/2019 & expiry date shall be 07/03/2022 only.

**Note :** Sample under testing was not drawn by the Lab.

**Graph of Cyclic and Load To Failure of Sample-MTPL/11/18-19**





**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 with discharge spout dia. 40 cm.	Discharge spout dia more than. 40 cm.
Base dimensions of between 86 cm x 86 cm and 96 cm x 96 cm.	Base dimensions smaller than 86 cm x 86 cm. Base dimensions larger than 96 cm x 96 cm.
Bag heights 86 cm.	Bag heights lower than 86 cm.
Use for one filling and one discharge only.	Re-use of the FIBCs.
Top with filling Spout or any other design of top open / skirt / flap construction.	Use after expiry date of this Report: 07/03/2022
Use for tested SWL.	Higher filling than SWL.

CHECKED BY:

For Excel Surveyors Pvt. Ltd



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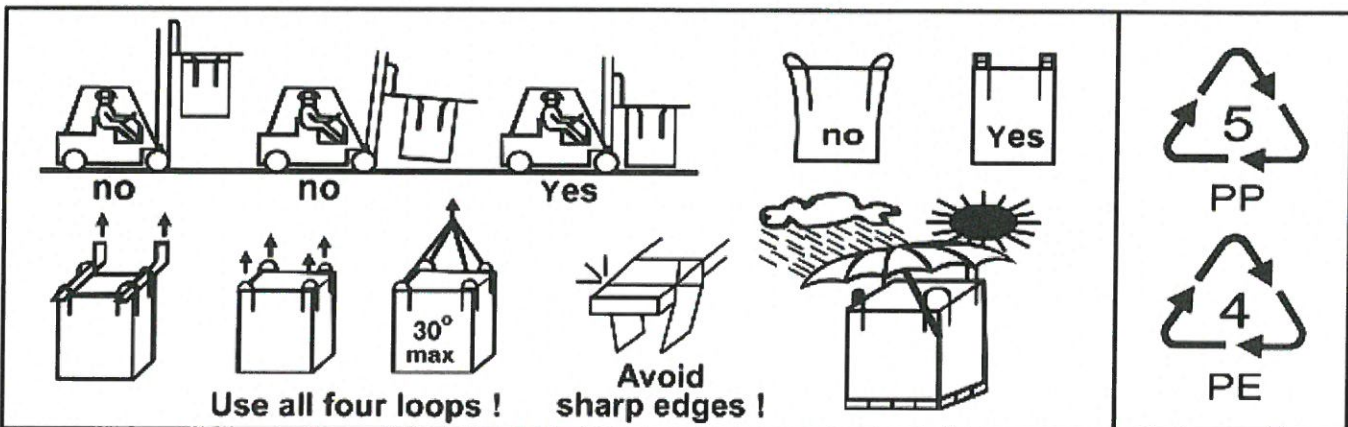
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<b>SWL: 1500 Kgs</b>	<b>SF: 5:1</b>
<b>Bluepack order no.: 2021-385</b>	<b>Bluepack item no.: 31754i</b>
<b>Test cert. no.: EX/03/MTPL/18-19/FIBC/03</b>	<b>Test house: EXCEL</b>
<b>FIBC Class: SINGLE TRIP</b>	<b>Manufact. Date: AUGUST 2021</b>



Produced by: **Mittal Technopack (Pvt.) Ltd., INDIA**  
An ISO 9001:2008 & 22000:2005 Certified Company