Date of test	24.8.2023
Date of expiry	24.8.2026
Number of pages	3 B / B

This Certificate is only valid when printed in colour and complete with all 3 pages.

Test Certificate No. 12831.1/23-8

Applicant Kite Packaging Ltd
Puma Park, 102-106 Scimitar Way, CV3 4GB Coventry, United Kingdom

Manufacturer Labordata Code IND-266 *)

Test piece *Flexible Intermediate Bulk Container - SWL = 1000 kg, SF = 5:1*
Single trip FIBCs for non-dangerous goods acc. ISO 21898

Manufacturer's type designation N/A

Design

Dimensions (85 cm x 85 cm) x 85 cm **Volume** 700 litres **Tare** 880 g

Body fabric Polypropylene 135 g/m², uncoated [1], white flat woven fabric layers without coloured characterization

Suspension Four black PP-webbings (40 mm wide, 35 g/m), sewn into the vertical seams in a length of 40 cm / 55 cm

Details Four vertical seams, two horizontal seams at the bottom (U-panel design) / overlock + chain stitching / fabric folded in all the seams / open top [2] / no inliner / no discharge spout [2]

Kind of tests *Type Tests according to ISO 21898*

Test a Cyclic top lift test acc. Annex B **Test b** Compression test acc. Annex C

Test conditions Charging with plastic granules (filling height approx. 80 cm), load application with piston and pressure plate (d = 80 cm), rate of load application 70 kN/min.

Cyclic load and load to failure

Sample a After 30 cycles of load application to P_c = **20 kN** (2040 kg) no visible damages occurred in the test piece. The load has then been increased until failure. When reaching a load of P_b = **49,9 kN** (5080 kg) the fabric tore at a bottom seam.

Compression

Sample b After six hours compression by P_k = **40 kN** (4080 kg) no visible damages occurred in the test piece.

Test result

A safe working load ***SWL = 1000 kg / SF = 5:1*** *is allowable.*

Statement of conformity The FIBCs tested comply with the requirements of ISO 21898.
FIBCs of this design type are in a condition for safe operation.

Notes

*) **This Certificate is restricted to FIBCs produced by Labordata Code IND-266.**
All material weights are minimum weights and may not be lower than the values shown.
Test diagram and photo of a test piece see page 2. This certificate expires on 24.8.2026.
[1] Raw material: 30 % Recycled Polypropylene (rPP) (statement of the manufacturer).
[2] "Directions for use referring to this certificate" see page 3.

Competent Engineer

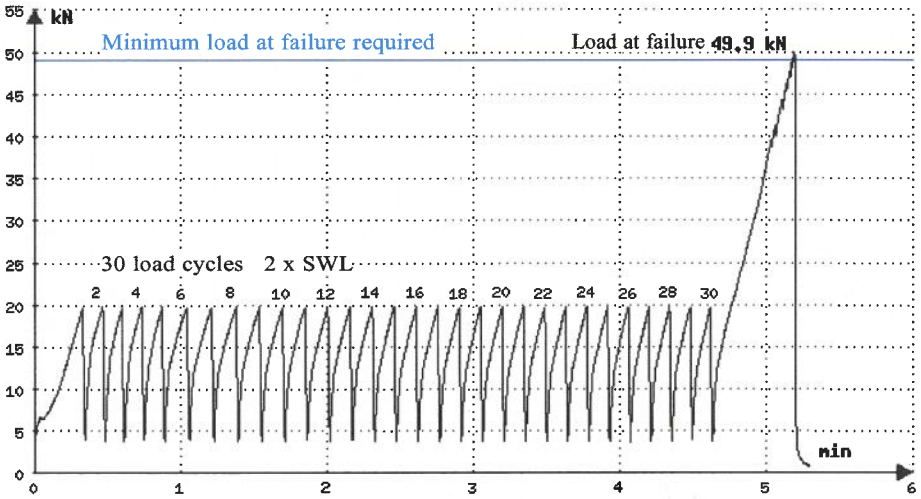
i.V.
Jorg Bartel

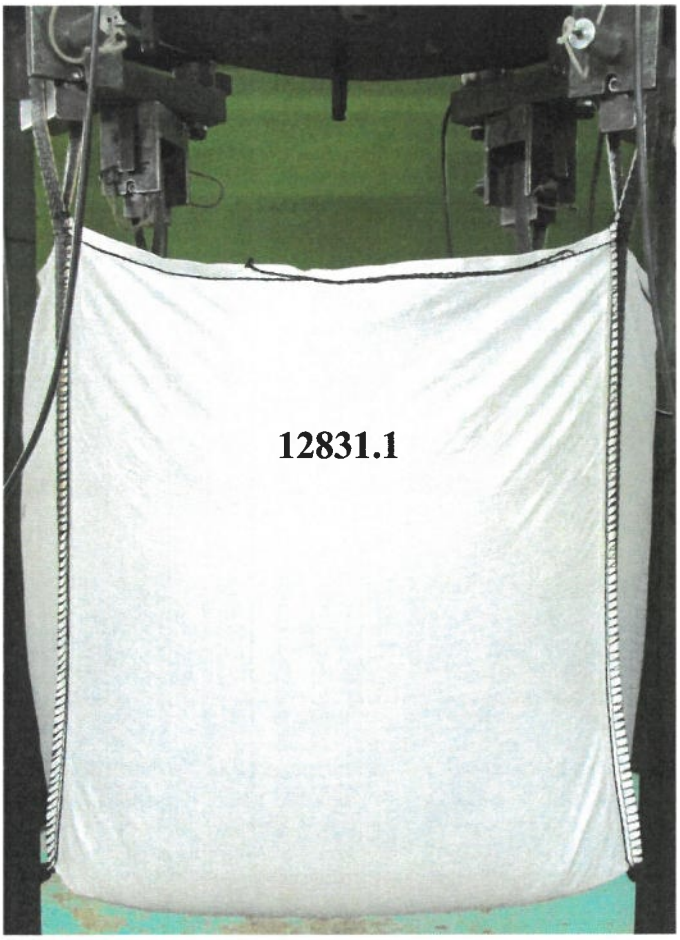
LABORDATA International Materials Testing Institute

Head of Institute

Dr. Herbert Kielbassa

FIBC cyclic top lift test - test diagram 12831.1/23 - 8





Project data

Applicant	: Kite Packaging Ltd.
Test piece	: FIBC 85 cm x 85 cm x 85 cm
Safe working load	: SWL = 1000 kg
Safety factor	: SF = 5 : 1

Test data

Test date	: 24.8.2023
Test Standard	: ISO 21898
Load at failure	: Pb = 49,9 kN = 5080 kg

Directions for use referring to this certificate

This certificate covers FIBCs of like design, manufactured using like materials and methods of construction as set down in this certificate and showing dimensions as listed below and in the certificate. The use of other methods or components may render the certificate invalid. It is the responsibility of FIBC manufacturers to ensure the samples tested are representative of the production.

Allowed (covered by this certificate)	**Not allowed** (not covered by this certificate)
	Base with discharge spout
Base dimensions of between **85** cm x **85** cm and **94** cm x **94** cm provided the same geometry is maintained	Base dimensions smaller than **85** cm x **85** cm Base dimensions larger than **94** cm x **94** cm
Bag height **85 ± 2** cm	Bag heights diverging from **85 ± 2** cm
Use for one filling and one discharge only	Re-use of the FIBCs
Open top or any other design of top construction	Manufacture after expiry date of this certificate: **24.8.2026**

Label

All FIBCs shall be durably marked by means of a permanently attached and easily visible and readable label. The layout of the label referring to this certificate shall be as shown below with the following data:

Manufacturer's (Certificate Holder's) Name & Address and Logo Manufacturer's (Certificate Holder's) (unique to the hereby certified FIBC type)		
SWL 1000 kg	**Safety Factor 5 : 1**	
Your logos etc.	**Test Certificate No**	**12831.1/23-8**
	Test Certificate Date	**24.8.2023**
	Approved Laboratory	**LABORDATA**
	Test Standard	**ISO 21898**
	FIBC Class	**Single trip**
	Date FIBC manufactured	
Handling Recommendations / Pictograms (proposals see www.labordata.com)		
Supplier's Name & Address (if required)		