FALCON TEST ENGINEERS

CERTIFICATE OF TEST

N.A.T.A. ACCREDITED LABORATORY 1720

PACKAGE PERFORMANCE TESTS

DATE OF ISSUE: 2/09/2021 **REPORT NO:** 9091
DATE OF EXPIRY: 2/09/2026

PRODUCT TESTED: 250kg Maximum Permissible Gross Mass (MPGM), four-point lift, woven polypropylene (PP) Flexible Intermediate Bulk Container (FIBC) for the transport of Dangerous Goods. Revalidation 20560

SAMPLE SELECTION: Samples selected and identified by client or their agent

SPECIFICATIONS: Refer to pages 3 to 6 of this report

CLIENT: Bagster Investments Pty. Ltd., 1/97 Sturt Street, Kingsford, NSW., 2032

TEST(S) PERFORMED	SAMPLE NO	RESULT
TOP LIFT TEST One (1) sample, prepared as it would be used in transport, was subjected to a single cycle load of not less than 1500kg and held for five minutes at ambient conditions. Test Load = 6 x MPGM = 6 x 250 = 1500kg ***Test Method: The United Nations Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.5***	21-9091-01	PASS
TOPPLE TEST One (1) sample, prepared as it would be used in transport to a mass of 250kg, was toppled from a height of not less than 1.2 metres onto its top edge. ***Test Method: The United Nations Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.11***	21-9091-02	PASS
RIGHTING TEST After the Topple Test, as the sample was lying on its side, it was lifted by 2 loops at a rate of not less than 0.1m/s until it was clear off the ground. The sample was suspended for five minutes. ***Test Method: The United Nations Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.12***	21-9091-02	PASS

CERTIFICATE OF TEST…

N.A.T.A. ACCREDITED LABORATORY 1720

PACKAGE PERFORMANCE TESTS

DATE OF ISSUE: 2/09/2021
DATE OF EXPIRY: 2/09/2026

REPORT NO: 9091

TEST(S) PERFORMED	SAMPLE NO	RESULT
DROP TEST One (1) sample, prepared as it would be used in transport to a mass of not less than 250kg, was dropped onto its base from a height of not less than 1.2 metres. ***Test Method: The UN Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.9***	21-9091-03	PASS
STACKING TEST One (1) sample, prepared as it would be used in transport to a mass of not less than 250kg, was subjected to a test load of not less than 1350kg for 24 hours. Test Load = 1.8 x MPGM x Stack Height = 1.8 x 250 x 3 = 1350kg ***Test Method: The UN Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.6***	21-9091-03	PASS
TEAR TEST One (1) sample, prepared as it would be used in transport to a mass of not less than 250kg, was cut as required and subjected to a test load of not less than 500kg for five minutes. The sample was then lifted by all its loops and suspended for five minutes. Test Load = 2 x MPGM = 2 x 250kg = 500kg ***Test Method: The UN Recommendations on the Transport of Dangerous Goods 21st Edition 6.5.6.10***	21-9091-03	PASS

The results of the performance tests reported on this certificate only relate to the packagings tested.
Falcon Test Engineers (A Division of Anlock Pty. Ltd.) certifies that the Bagster investments referenced above has passed the Performance Orientated Packaging Standards outlined in the United Nations Recommendations for the Transport of Dangerous Goods. This package is also certified under IMDG, ICAO, and the ADG Code. It is the responsibility of the end user to determine authorisation for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid.

CHECKED: ..... **AUTHORISED SIGNATORY:** .....

Name of Signatory JOHN DONKERS

SPECIFICATION FOR REVALIDATION OF FIBC APPROVAL 20560

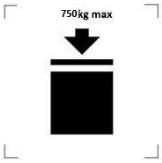
DATE OF ISSUE:	**2/09/2021**	**REPORT NO:**	**9091**
DATE OF EXPIRY:	**2/09/2026**		

PACKAGING DETAILS

Type: Woven plastics, coated with liner **Designator Code:** 13H4

Packaging Marking: 13H4 / Y / MM YY / AUS / Bagster 20560 / 1350 / 250

Where MM YY signifies the month and year of manufacture (two digits each); and Bagster 20560 signifies the original manufacturer name and approval number.



Stacking pictogram as required by UN Clause 6.5.2.2.2

The minimum dimensions shall be 100 mm x 100 mm to printer's marks. The letters and numbers indicating the mass shall be at least 12 mm high. The area within the printer's marks shall be square and proportional to that shown.

Description: 250kg Maximum Permissible Gross Mass (MPGM), four-point lift, woven polypropylene (PP) Flexible Intermediate Bulk Container (FIBC) for the transport of Dangerous Goods. Revalidation 20560

Manufacturer: Suqian Jack Packing Material Co. Ltd, South Development Zone, Caoji Township, Suyu District, Suqian City, Jiangsu Province, R.R China

Manufacturer's Product Code: ZB100

SPECIFICATIONS

Maximum Permissible Gross Mass (MPGM):	250kg	**Nominal Dimensions:**	650 (L) x 430 (W) x 900mm (H)
Nominal Tare Mass:	1610 grams	**Packing Group:**	II and III
Stack Height:	Base + 3		

SPECIFICATION FOR REVALIDATION OF FIBC APPROVAL 20560

DATE OF ISSUE:	**2/09/2021**	**REPORT NO:**	**9091**
DATE OF EXPIRY:	**2/09/2026**		

Materials of Construction (MaC):

Body, Top and Base MaC.:	Extruded circular woven polypropylene (PP) tapes – 1650 denier, 14 x 14 per sq. inch *Supplier*: Suqian Jack Painting Material Co. Ltd Grade 5 woven weave
Filling and Discharge Spout MaC.:	Extruded woven polyethylene (PE) tapes – 1000 denier, 8 x 8 tapes per sq. inch *Supplier*: Suqian Jack Packing Material Co. Ltd Grade 5 woven weave
Stitching MaC:	Polyester thread, 5000 deniers
Lifting Loops MaC:	70mm wide woven PP belt, 3250D x 700D Grade 5 woven weave
Rope MaC:	3 ply PP rope, approximately 114g/m
Stitching MaC:	Polyester threads 0.29 grams per metre *Sticking Yarn Grade* *Supplier*: Suqian Jack Painting Material Co. Ltd
Liner MaC:	Extrusion blown linear low-density polyethylene (LLDPE) and low-density polyethylene (LDPE) LLDPE/LDPE: 80/20, 50µm (thk)
Coating MaC:	Inside 40µ (thk) *Supplier*: Suqian Jack Packing Material Co. Ltd

Method of Construction (MeC):

General MeC:	Continuous woven extruded PP tapes
Top to Body MeC:	Edge of body piece is folded over the edge of the top material into a 20mm hem and bound with one row of lock stitching.
Body To Base MeC:	Edges are folded over into a 20mm hem, brought together, and secured with one row of lock stitching.
Lifting Loops MeC:	Four 70mm (W) wide woven PP belt, 3250D x 700D secured with stitching over their entire length, one end 600mm, other end 280mm, weight of belt 45 grams per metre. Stitching material polyester thread 0.38 grams per metre.

SPECIFICATION FOR REVALIDATION OF FIBC APPROVAL 20560

DATE OF ISSUE:	**2/09/2021**	**REPORT NO:**	**9091**
DATE OF EXPIRY:	**2/09/2026**		

Filling Device MeC: 380mm(W) x 500mm (H) zippered open top

Liner MeC: Continuously extrusion blown, LDPE liner, 200µ thick

Closing Method: Zip

PROPOSED USE Solids – dangerous goods of package group II & III, and gross mass no greater than 250kg

SPECIAL REQUIREMENTS Nil.

TESTING

Testing Organisation: Anlock Pty Ltd trading as Falcon Test Engineers

Test Report(s) Attached: 9091

Issue Approval To: Bagster Investments Pty. Ltd., 1/97 Sturt Street, Kingsford, NSW., 2032

APPLICANT DETAILS

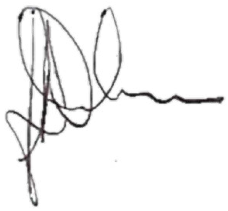
Name: Anlock Pty Ltd trading as Falcon Test Engineers

Address: P.O. Box 4000, Dandenong South, VIC., 3164, Australia

Contact Person: John Donkers

Phone: (03) 9706 7758
Fax: (03) 9706 7593
Int. Tel.: +61 3 9706 7758

Signature:



Date: 2/09/2021

SPECIFICATION FOR REVALIDATION OF FIBC APPROVAL 20560

DATE OF ISSUE: 2/09/2021 **REPORT NO:** 9091
DATE OF EXPIRY: 2/09/2026

PHOTOGRAPHS