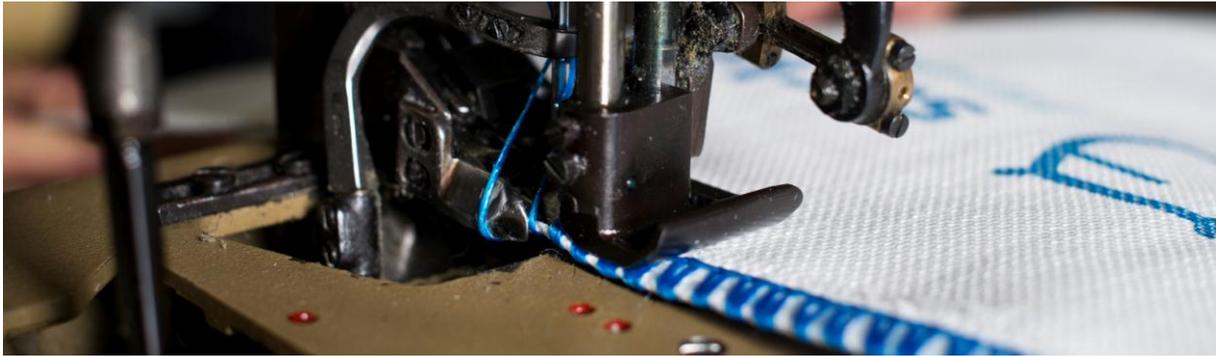




sackmaker
J&HM DICKSON LTD.



Standard FIBC Handling Guide



Introduction

Dickson's FIBC (Flexible Intermediate Bulk Containers) are specifically designed for the bulk packing & movement of aggregate and other loose products.

They are designed for either single trip or multi use (see safety label)

All our bags come with a safety label & are independently type tested to International standards. Our UK manufactured bags are type tested by Labordata.

It is important that our customers realise that no matter how well we construct our bags they do have certain limitations – but that good handling practice will enable them to make safe use & get the most from our FIBC's.

We set out this guide to assist customers and increase awareness and safety.

It should only be used in conjunction with bags bearing our logo on the safety label.

Alan Dickson
Managing Director

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Filling & Lifting FIBC's

CHECKLIST

- ✓ Bag has the correct safety label.
- ✓ For damage: Cuts, nicks & tears in fabric, loops or stitching.
- ✓ Hooks, tines & handling equipment for burrs or sharp edges.
- ✓ Lifting equipment is correctly adjusted to the bag size.

ALWAYS

- ✓ Be aware even new bags can be damaged in transit or storage.
- ✓ Remember damage can occur as a result of UV (sunlight) degradation.
- ✓ Support the bag when filling - Load evenly & lift horizontally with all four loops vertical
- ✓ Raise & lower gently to avoid shock loading – avoid sudden stopping/starting
- ✓ Recover fallen bags using a sling through all 4 loops.
- ✓ Consider the possibility & effect of static electricity during operations.
- ✓ Dispose of or FIBC's in accordance with best environmental practice.

DO NOT

- X Subject the bag to lateral or pendular forces when lifting.
- X Load more than the Safe Working Load (SWL) in each bag.
- X Allow anyone to stand under bags during lifting operations.
- X Drag, "load level" or tip over bags via the loops.
- X Multi load bags on a single hook.



General Handling of FIBC's

Sackmaker's FIBC's are unfortunately not indestructible!

They are made of robust materials but can be damaged by the following:

- Rough handling & multi loading on single hooks
- Exceeding Safe Working Load
- Dragging, tipping or lifting incorrectly
- Abrasion and general wear & tear
- Exposure to UV light, wind & rain
- Exposure to extremely high and low temperatures
- Contact with sharp objects, Oils, chemicals or acids
- Shock loading when lifting / driving machines over uneven surfaces
- Lateral force and pendular (swinging) motion
- Stacking more than 4 high (standard bag)
- Vandalism when left unattended

It is paramount that an inspection regime is in place to inspect bags visually for damage prior to each use, bearing in mind all of the above risks.

Under no circumstances should attempts be made to repair our FIBC's



UV Exposure

Our **FIBC's** are made from UV stable material but will eventually deteriorate if left exposed to UV light (sunlight). Exposure to wind & rain accelerates this process.

It is important to keep bags protected from the elements.

Store inside or cover with black polythene or sufficiently thick sheeting to prevent exposure and deterioration.

Do not attempt to lift bags if they have been subjected to prolonged exposure.

UV degradation may be indicated by a softening of the materials (sometimes with discolouration) so that the outer surface can be rubbed off.

In extreme cases outer surfaces may become powdered. If in doubt use a new bag.

Please check our safety label for date of manufacture as a guide to possible age.

Although all our FIBC's are made from UV treated materials it is impossible to guarantee exact lifespan due to varied conditions in which they are stored and used.

As a rough guide they should last a minimum of 6 months depending on conditions.

Note to Aircraft Operators using **HELIBAG®**

Please familiarise yourselves with our specific operator guidelines for Helibags available on request from info@sackmaker.com





Bag Design & Testing

All Sackmaker's FIBC designs are tested to destruction.

We provide copies of test certificates for your bags on request. The certificate number appears on the safety label sewn into your bags.

High safety factors give customers high safety margins & peace of mind.

All our bag designs are laboratory tested to withstand at least 70 lift operations at four times safe working load & finally tested to destruction.

Standard duty multi trip bags (6:1 Safety Factor)

These must achieve six times safe working load on this final destruction test (e.g. 6000kgs for 1000kg SWL bag) & pass a variety of other tests including a 4000kg compression (stacking) test for 6 hours.

Single Trip bags (5:1 Safety Factor)

This type of bag is made from lighter weight material & tested to Five times safe working load. We recommend these should not be re used.

The Safety Label

Sackmaker's FIBC labels bear the following information :

- Our Logo & address
- Type of bag, SWL & Safety Factor
- Test certificate & International standard numbers
- Date of manufacture
- Guideline pictograms for use & Recycling

Certificate numbers & exact detail may vary depending on type of bag, location of test & manufacture.



General Information & Recycling

Sackmaker can supply FIBC's in made to measure sizes to meet your specific lifting needs. We can also manufacture bags to UN packaging regulations for hazardous goods & Type C anti static bags. Plus FIBC's with extra reinforcements, top covers & printed to customer requirements. Individual charges for test certification may apply for bespoke bags outwith our standard certification.

All our FIBCs are generally recyclable at end of life unless they are severely contaminated with content residue which is unrecyclable or hazardous. Contact us for details on your local reprocessors.



WE APPRECIATE YOUR FEEDBACK it helps us to constantly improve our products & customer service and to make our customers operations even safer so contact us if you require any further assistance, information or copies of relevant safety certification for your files.



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Disclaimer

Whilst we endeavour to produce products of the highest standard we cannot be held liable for damage or claims to persons or property arising from misuse of our products. This publication is for guideline purposes only and is specific to FIBC's manufactured by Sackmaker J&HM Dickson only. We provide this information free of charge for reference & guidance. It may be updated from time to time and neither the company nor our employees will be held liable for its content.

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