

DICKSON for Sacks



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 - Our UK manufactured bags are tested and certified to British Standard – our imported bags are also independently tested.

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 the most of our products.

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

CHECK

- ✓ 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.
- ✓ Forklift tines are correctly spaced.

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
- ✓ Raise & lower gently to avoid shock loading – avoid sudden stopping/starting
- ✓ Load evenly and lift horizontally with all four loops vertical
- ✓ Recover fallen bags using a sling through all 4 loops.
- ✓ Consider the possibility and effects of static electricity during operations.
- ✓ Dispose of Dickson's FIBC's in accordance with ecological requirements

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 persons to stand under bags during lifting operations.
- X Drag or "load level" bags via the loops.
- X Multi load bags on a single hook.
- X Tipping over bags using the loops can cause damage

General Handling of FIBC's

Dickson'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
- Handling equipment
- Shock loading
- Lateral force and pendular (swinging) motion
- Prolonged standing in water
- 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

Dickson's **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 the outer surface may become powdered. If in any doubt please use a new bag.

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

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

As a rough guide they can last at least 6 months depending on conditions.

(Note to Aircraft Operators using HELIBAGS®)

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

Bag Design & Testing

All Dickson's bag designs are tested to destruction. We can provide copies of test certificates on request - the certificate number also appears on the safety label sewn into your bags.

High safety factors give customers a high safety margin and peace of mind.

All our bag designs are laboratory tested to withstand over 70 lift operations at four times safe working load and then to destruction.

A multi use bag must achieve six times the safe working load on this final destruction test (e.g. 6000kgs for a 1000kg SWL bag) and also pass a compression (stacking) test at 4000kgs for 6 hours.

The Safety Label

Dickson's FIBC's bear our Logo & address on the label. Certificate numbers and exact text may vary depending on location of test & manufacture.



General Information

Dickson for Sacks can supply FIBC's in made to measure sizes to meet specific lifting needs. We can also manufacture bags with extra reinforcements, top covers & printed to customer requirements. Individual charges for test certification may apply.

WE APPRECIATE YOUR FEEDBACK as we are constantly working towards making our products better and operations even safer.

Please do not hesitate to contact us if you require any further assistance, information or copies of relevant safety certification for you 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 J&HM Dickson only.

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