

# Flexible intermediate bulk containers — Non-dangerous goods



#### AS 3668:2019

This Australian Standard® was prepared by PK-011, Flexible Intermediate Bulk Containers. It was approved on behalf of the Council of Standards Australia on 12 December 2019.

This Standard was published on 20 December 2019.

The following are represented on Committee PK-011:

Australian Flexible Intermediate Bulk Container Association
Australian Institute of Packaging
Australian Maritime Safety Authority
Department of Environment and Science, Qld
International Cargo Handling Co-ordination Association Australia

This Standard was issued in draft form for comment as DR AS 3668:2019.

### **Keeping Standards up-to-date**

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting: <a href="https://www.standards.org.au">www.standards.org.au</a>

AS 3668:2019

(Incorporating Amendment No. 1)



# Flexible intermediate bulk containers — Non-dangerous goods

Originated as AS 3668—1989. Second edition AS 3668:2019. Reissued incorporating Amendment No 1 (April 2020).

#### COPYRIGHT

© Standards Australia Limited 2019

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth).

ii

## **Preface**

This Standard was prepared by Standards Australia Committee PK-011, Flexible Intermediate Bulk Containers, to supersede AS 3668—1989.

This Standard incorporates Amendment No. 1 (April 2020). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.

The objective of this Standard is to provide specifications and type tests to ensure flexible intermediate bulk containers are suitable for non-dangerous solid materials in powder and granular form.

Committee PK-011 reviewed ISO 21898, Packaging - Flexible intermediate bulk containers (FIBCs) for non-dangerous goods, but decided not to adopt it as an Australian Standard because it does not meet Australian requirements.

The terms "normative" and "informative" are used in Standards to define the application of the appendices to which they apply. A "normative" appendix is an integral part of a Standard, whereas an "informative" appendix is only for information and guidance.

# **Contents**

Pr	reface	ii		
1	Scope	1		
2	Normative references	1		
3	Terms and definitions	1		
4	Materials, design and construction requirements 4.1 Materials 4.2 Design 4.3 Construction 4.4 Ultraviolet protection 4.5 UV resistance test	2 		
5	Performance requirements  5.1 General  5.2 Selection of FIBCs for test  5.3 Top lift  5.4 Cyclic top lift  5.5 Stacking  5.6 Drop impact			
6	Marking and statement of conformance 6.1 Bag label information 6.2 Suggested bag labels 6.3 Statement of conformance	4 5		
Ap	ppendix A (informative) Guidance to users on the selection and use of flexible intermediate bulk containers	7		
Αŗ	ppendix B (normative) Statement of conformance	12		
	opendix C (normative) Method of test for top lift performance			
Αŗ	ppendix D (normative) Method of test for cyclic top lift performance	18		
Αŗ	ppendix E (normative) Method of test for stacking performance	20		
	opendix F (normative) Method of test for resistance to impact by dropping			
Bibliography				
ΑN	MENDMENT CONTROL SHEET	25		



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

**Product Page** 

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation