
**Floating leisure articles for use on and
in the water —**

**Part 3:
Additional specific safety
requirements and test methods for
Class A devices**

Articles de loisirs flottants à utiliser sur ou dans l'eau —

*Partie 3: Exigences de sécurité et méthodes d'essai complémentaire
propre aux dispositifs de Classe A*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Safety requirements and test methods	2
4.1 General	2
4.2 Design, sizing, admissible number of users and maximum load capacity	3
4.2.1 General	3
4.2.2 Sizing	3
4.2.3 A1-products, space per person and admissible number of users	3
4.2.4 A2-products, space per person and admissible number of users	4
4.3 In water performance	5
4.3.1 Amount of buoyancy and stable floating position	5
4.3.2 Residual buoyancy of devices claiming floating stability (CASES A, B)	6
4.3.3 Residual buoyancy of floating leisure articles not claiming floating stability (CASES C, D)	8
4.3.4 Capsizing and escape	9
4.3.5 Grab handles and safety lines (not applicable to air mattresses)	9
4.3.6 Re-embarkation from the water in normal use and failure of one air chamber in CASE A1	10
4.3.7 Extreme high super structure (wind, drift)	10
4.3.8 Anchorage	10
4.3.9 Giant rings with bottom, strength of entire device	11
5 Consumer information	11
5.1 General	11
5.2 Consumer information on the packaging (point of sale information)	11
5.3 Consumer information on the product (information related to safe use)	12
5.4 Consumer information by instructions for use (separate written information)	12
5.4.1 General	12
5.4.2 Safety and product information	12
5.4.3 Assembly (if applicable)	12
5.4.4 Maintenance and repair (if applicable)	12
6 Test report	12
7 Exclusions	12
Annex A (informative) Examples of typical products forming Class A	13
Bibliography	15