

INTERNATIONAL
STANDARD

ISO
20187-1

First edition
2022-11

Inflatable play equipment —
Part 1:
Safety requirements and test methods



Reference number
ISO 20187-1:2022(E)

© ISO 2022



COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, 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
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Safety requirements	4
4.1 Materials.....	4
4.1.1 Fabrics.....	4
4.1.2 Thread.....	5
4.1.3 Netting.....	5
4.1.4 Ropes.....	5
4.1.5 Zips.....	6
4.1.6 Dangerous substances and decorative finishes.....	6
4.2 Design.....	6
4.2.1 Anchorage.....	6
4.2.2 Structural integrity.....	7
4.2.3 Access/egress.....	8
4.2.4 Blowers.....	11
4.2.5 Entrapment.....	11
4.2.6 Hard objects, sharp angles and edges.....	16
4.2.7 Electrical installations.....	16
4.2.8 Siting.....	16
4.2.9 Containment.....	18
4.2.10 Wall heights on slopes.....	19
4.2.11 Run-out.....	20
4.2.12 Ventilation.....	20
4.3 Number of users.....	20
4.4 Supervision.....	21
5 Test methods and reports	21
6 Information to be provided by the supplier/manufacturer	21
6.1 General product information.....	21
6.2 Pre-information.....	22
6.3 Installation information.....	22
6.4 Operating information.....	22
6.5 Inspection and maintenance information.....	23
7 Inspection, maintenance and alteration	23
7.1 Inspection.....	23
7.1.1 General.....	23
7.1.2 Routine Inspection.....	23
7.1.3 Annual inspection.....	24
7.2 Maintenance.....	24
7.2.1 General.....	24
7.2.2 Routine maintenance.....	24
7.2.3 Corrective maintenance.....	24
7.3 Alteration.....	25
8 Marking	25
9 Documentation	25
Annex A (normative) Calculation of number of anchor-points	26
Annex B (informative) The Beaufort Scale of wind force	27