DEUTSCHE NORM December 2006

DIN EN ISO 12402-9

DIN

ICS 13.340.70

Supersedes: see below

Personal flotation devices –
Part 9: Test methods (ISO 12402-9:2006)
English version of DIN EN ISO 12402-9:2006-12

Persönliche Auftriebsmittel –
Teil 9: Prüfverfahren (ISO 12402-9:2006)
Englische Fassung DIN EN ISO 12402-9:2006-12

Partially supersedes DIN EN 393:1994-05, DIN EN 393/A1:1998-06, DIN EN 395:1994-05, DIN EN 395/A1:1998-06, DIN EN 396:1994-05, DIN EN 396/A1:1998-06, DIN EN 399:1994-05 and DIN EN 399/A1:1998-06

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Start of validity

This standard is valid from 01 December 2006.

National foreword

This document has been prepared by Technical Committee CEN/TC 162, the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 188.

The responsible German body involved in its preparation was the *Normenausschuss Sport- und Freizeitgerät* (Sports Equipment Standards Committee), Technical Committee 112-04-04 AA *Wasserrettungs- und Sicherheitsmittel*.

DIN EN ISO 12402 consists of the following parts, under the general title "Personal flotation devices":

— *Part 1: Lifejackets for seagoing ships — Safety requirements*

— *Part 2: Lifejackets, performance level 275 — Safety requirements*

— *Part 3: Lifejackets, performance level 150 — Safety requirements*

— *Part 4: Lifejackets, performance level 100 — Safety requirements*

— *Part 5: Buoyancy aids (level 50) — Safety requirements*

— *Part 6: Special purpose lifejackets and buoyancy aids — Safety requirements and additional test methods*

— *Part 7: Materials and components — Safety requirements and test methods*

— *Part 8: Accessories — Safety requirements and test methods*

— *Part 9: Test methods*

— *Part 10: Selection and application of personal flotation devices and other relevant devices*

The DIN Standards corresponding to the International Standards referred to in clause 2 and in the bibliography of the EN are as follows:

ISO 105-E02	DIN EN ISO 105-E02
ISO 105-X12	DIN EN ISO 105-X12
ISO 139	DIN EN 20139
ISO 2768-1	DIN EN ISO 2768-1
ISO 3386-1	DIN EN ISO 3386-1
ISO 9227	DIN 50021
ISO 12401	DIN EN 1095
ISO 12402-1	DIN EN ISO 12402-1
ISO 12402-2	DIN EN ISO 12402-2
ISO 12402-3	DIN EN ISO 12402-3
ISO 12402-4	DIN EN ISO 12402-4
ISO 12402-5	DIN EN ISO 12402-5
ISO 12402-6	DIN EN ISO 12402-6
ISO 12402-7	DIN EN ISO 12402-7
ISO 12402-8	DIN EN ISO 12402-8
ISO 12402-10	DIN EN ISO 12402-10

Amendments

This standard differs from DIN EN 393:1994-05, DIN EN 393/A1:1998-06, DIN EN 395:1994-05, DIN EN 395/A1:1998-06, DIN EN 396:1994-05, DIN EN 396/A1:1998-06, DIN EN 399:1994-05 and DIN EN 399/A1:1998-06 as follows:

a) Test methods regarding personal flotation devices have been combined, extended or deleted.

b) A survey regarding the classification of personal flotation devices has been included.

c) The construction and assembly of reference vests has been described in the context of the test subject selection.

d) The standard has been editorially revised.

Previous editions

DIN 7874: 1981-05, 1983-07, 1989-07
DIN 7928: 1987-01
DIN 7929: 1987-01
DIN EN 393: 1994-05
DIN EN 393/A1: 1998-05
DIN EN 395: 1994-05
DIN EN 395/A1: 1998-06
DIN EN 396: 1994-05
DIN EN 396/A1: 1998-06
DIN EN 399: 1994-05
DIN EN 399/A1: 1998-06

National Annex NA
(informative)

Bibliography

DIN 50021, *Spray tests with different sodium chloride solutions* (DIN EN ISO 9227 supersedes DIN 50021 which has been withdrawn in October 2006)

DIN EN 1095, *Deck safety harness and safety line for use an recreational* craft — *Safety requirements and test methods*

DIN EN 20139, *Textiles — Standard atmospheres for conditioning and testing*

DIN EN ISO 105-E02, *Textiles — Tests for colour fastness — Part E02: Colour fastness to sea water (ISO 105-E02:1994)*

DIN EN ISO 105-X12, *Textiles — Tests for colour fastness — Part X12: Colour fastness to rubbing (ISO 105-X12:2001)*

DIN EN ISO 3386-1, *Polymeric materials, cellular flexible — Determination of stressstrain characteristic in compression — Part 1: Low-density materials (ISO 3386-1:1986)*

DIN ISO 2768-1, *General tolerances — Tolerances for linear and angular dimensions without individual tolerance indications*