

DIN EN 14225-2



ICS 97.220.40

Supersedes
DIN EN 14225-2:2005-07

**Diving suits –
Part 2: Dry suits –
Requirements and test methods;
English version EN 14225-2:2017,
English translation of DIN EN 14225-2:2018-03**

Tauchanzüge –
Teil 2: Trockentauchanzüge –
Anforderungen und Prüfverfahren;
Englische Fassung EN 14225-2:2017,
Englische Übersetzung von DIN EN 14225-2:2018-03

Vêtements de plongée –
Partie 2: Combinaisons étanches –
Exigences et méthodes d'essai;
Version anglaise EN 14225-2:2017,
Traduction anglaise de DIN EN 14225-2:2018-03

Document comprises 46 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

Start of application

The start of application of this standard is 2018-03-01.

National foreword

This standard includes safety requirements within the meaning of the *Produktsicherheitsgesetz (ProdSG)* (German Product Safety Act).

This document (EN 14225-2:2017) has been prepared by Technical Committee CEN/TC 162 “Protective clothing including hand and arm protection and lifejackets” (Secretariat: DIN, Germany).

The responsible German body involved in its preparation was *DIN-Normenausschuss Sport- und Freizeitgerät* (DIN Standards Committee Sports Equipment), Working Committee NA 112-05-05 AA “Diving accessories”.

Where this standard has been identified by the *Ausschuss für Produktsicherheit* (German Committee for Product Safety) and reference to it has been published in the *Gemeinsames Ministerialblatt* (German Joint Ministerial Gazette) by the *Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (BAuA)* (German Federal Institute for Occupational Safety and Health), it is to be presumed that dry diving suits which comply with this standard fulfil the relevant health and safety requirements.

The DIN document corresponding to the international document referred to in this document is as follows:

ISO 1817	DIN ISO 1817
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Amendments

This standard differs from DIN EN 14225-2:2005-07 as follows:

- a) normative references and the Bibliography have been updated;
- b) new terms and definitions have been included;
- c) in subclause 4.3.3, “Strength of closures”, new requirements have been added;
- d) in subclause 4.3.4, “Joint strength of attachments”, a requirement for the time has been added;
- e) in subclause 4.4.1, “Sizing”, the reference to EN 340 has been deleted;
- f) in subclause 4.4.2.2, “Inflation device(s)”, the requirement for the strength of bond to suit has been revised and the requirement for a quick release connection between the inflation device and the gas supply has been introduced;
- g) in subclause 4.4.2.3, “Inflation hose”, a requirement for the air flow rate has been introduced;
- h) in subclause 4.4.2.4, “Deflation device(s)”, the requirements for the flow capacity of a manually operated deflation device and for the air flow rate have been added and the requirements for the over-pressure device have been moved to subclause 4.4.2.5;

- i) new requirements have been included in subclauses 4.4.4, "Penetrators", 4.4.5, "Provisions for urination" and 4.4.6, "Leakage resistance";
- j) in subclause 4.5, "Practical performance requirements", a requirement for the time period for donning has been added;
- k) in subclause 4.6.2.4, "Resistance to abrasion", new requirements have been defined;
- l) in subclause 5.4.2.1, "Cold and hot storage", separate test methods for high and low temperature resistance have been introduced;
- m) in subclause 5.4.3, "Mechanical tests", new test methods for the tensile strength of seams (see subclause 5.4.3.2), the tensile strength of closures (see subclause 5.4.3.3) and the strength of penetrators (see subclause 5.4.3.4) have been added;
- n) in subclause 5.5.1.1, "Inflation hose", an additional test method has been added;
- o) in subclause 5.5.1.3, "Deflation device(s)", the pulling force and the time period have been amended to be harmonized with the requirements for penetrators; in addition, a floor test has been included;
- p) in subclause 5.5.1.4, "Overpressure device", bullet point a) has been deleted;
- q) in subclause 5.5.2, "Leakage test", the time periods have been reduced to 5 min and the evaluation has been simplified;
- r) in subclause 5.6.7.3, "Test dive", the height for jumping into the water and the ladder height have been reduced;
- s) in subclause 5.6.8, "Depth dive", the depth of the dive has been reduced;
- t) in subclause 5.7.1.1, "Cold dive", the test has been moved to subclause 5.7;
- u) in subclause 5.7.4, "Abrasion test", an additional test method has been added;
- v) in Clause 6, "Marking", the mail address of the manufacturer has been included;
- w) in subclause 7.3, "Instruction for use", a new warning has been included.
- x) Annex ZB (informative) has been added;
- y) the standard has been editorially revised.

Previous editions

DIN EN 14225-2: 2005-07

National Annex NA
(informative)

Bibliography

DIN ISO 1817, *Rubber, vulcanized or thermoplastic — Determination of the effect of liquids*

English Version

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Tauchanzüge - Teil 2: Trockentauchanzüge - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 7 June 2017.

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