

## DIN EN 14225-3



ICS 97.220.40

Supersedes  
DIN EN 14225-3:2005-07

**Diving suits –  
Part 3: Actively heated or cooled suit systems and components –  
Requirements and test methods;  
English version EN 14225-3:2017,  
English translation of DIN EN 14225-3:2018-03**

Tauchanzüge –  
Teil 3: Aktiv beheizte oder gekühlte Anzugssysteme und Anzugteile –  
Anforderungen und Prüfverfahren;  
Englische Fassung EN 14225-3:2017,  
Englische Übersetzung von DIN EN 14225-3:2018-03

Vêtements de plongée –  
Partie 3: Vêtements avec système de chauffage ou de refroidissement actif et composants –  
Exigences et méthodes d'essai;  
Version anglaise EN 14225-3:2017,  
Traduction anglaise de DIN EN 14225-3:2018-03

Document comprises 39 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 14225-3:2017) 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 actively heated or cooled suit systems and components 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 14225-3:2005-07 as follows:

- a) normative references and the Bibliography have been updated;
- b) a new term has been added;
- c) in subclause 4.1, “General”, it should be noted that diving suit systems and components shall conform to the relevant requirements in EN 14225-1:2017 and EN 14225-2:2017;
- d) subclause 4.2, “Categories”, has been added containing the requirement that all actively heated suit systems shall be categorized;
- e) in subclauses 4.3.1, “Resistance to cold and hot storage”, 4.3.3, “Resistance to cleaning, disinfection and decontamination”, 4.4.1, “Strength of suit seams”, 4.4.4, “Joint strength of attachments”, 4.4.5, “Integrity of slide fasteners”, 4.6.3, “Internal volume control system” and 4.6.7, “Leakage resistance of dry suits”, the requirements have been replaced by a reference to EN 14225-2;
- f) subclause 4.4.3, “Strength of closures” has been added;
- g) in subclause 4.5, “Underwear”, the load from the tensile force has been increased and a requirement regarding the use of an undergarment in combination with a dry suit have been added;

- h) in subclause 4.6.1, "Sizing", the reference to EN 340 has been deleted;
- i) the requirements in subclause 4.6.4, "Connectors", have been revised;
- j) subclause 4.6.5, "Suit penetration", has been added;
- k) in subclause 4.6.6, "Provision for urination", the requirement has been modified;
- l) in subclause 4.7, "Thermal requirements", the requirements have been partly revised due to the requirement for the categorization of suits;
- m) in subclause 4.8, "Special safety requirements for electrical systems", the reference to ADOC Electrical Code 1986 has been replaced by a reference to IMCA D 045;
- n) in subclause 4.10.3, "Resistance against abrasion", the requirement for resistance against abrasion has been added;
- o) in subclauses 5.4.2.1, "Cold and hot storage and inflation resistance test" and 5.4.3, "Leakage test", the test has been revised to be consistent with the test used in EN 14225-1:2017 and EN 14225-2:2017;
- p) in subclause 5.5.7.5, "Cold dive (only for actively heated suits)", the test has been revised to be consistent with the requirement for categorizations of actively heated seat systems;
- q) in subclause 5.6.3, "Abrasion test", an additional test method has been added;
- r) in Clause 6, "Marking", a new bullet point has been added that the suit / the suit system is to be marked to identify the category of the actively heated suit system;
- s) Annex ZB (informative) has been added;
- t) the standard has been editorially revised.

### Previous editions

DIN EN 14225-3: 2005-07

**National Annex NA**  
(informative)

**Bibliography**

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