DIN EN ISO 12402-4:2021-04 (E)

Personal flotation devices - Part 4: Lifejackets, performance level 100 - Safety requirements (ISO 12402-4:2020)

Contents

Page

European foreword ... **4**

Annex ZA (informative) **Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment aimed to be covered** ... **5**

Foreword ... **7**

Introduction ... **8**

1 Scope ... **10**

2 Normative references ... **10**

3 Terms and definitions ... **10**

4 Classification of PFDs ... **13**
4.1 Classes ... 13
4.1.1 Buoyancy aids ... 13
4.1.2 Lifejackets ... 13
4.1.3 Special application PFDs ... 13
4.2 Performance levels ... 14
4.2.1 Level 50 ... 14
4.2.2 Level 100 ... 14
4.2.3 Level 150 ... 14
4.2.4 Level 275 ... 14

5 Requirements ... **14**
5.1 General ... 14
5.1.1 Materials and components ... 15
5.1.2 Means of inflation ... 15
5.1.3 Body strap and lacing ends requirements ... 16
5.1.4 Inflation status indicators ... 16
5.1.5 Ride-up prevention system ... 16
5.1.6 Rearming and repacking information ... 16
5.1.7 Oral inflation ... 16
5.1.8 Magnetic properties ... 16
5.2 Combination of lifejackets and accessories ... 16
5.3 Types of buoyancy ... 17
5.3.1 General ... 17
5.3.2 Inflatable buoyancy chambers ... 17
5.3.3 Inherently buoyant material ... 18
5.3.4 Total buoyancy provided ... 18
5.4 Conspicuousness ... 19
5.4.1 Colour ... 19
5.4.2 Retroreflective material ... 19
5.5 Strength ... 19
5.6 Performance ... 20
5.6.1 General ... 20
5.6.2 Donning, adjustment and fit ... 21
5.6.3 In-water performance ... 21
5.7 Multi-chamber buoyancy systems ... 22

6 Marking **22**
6.1 General 22
6.2 Information on the lifejacket 23
7 Information supplied by the manufacturer **24**
8 Consumer information at point of sale **25**
8.1 General 25
8.2 Plain text version 25
8.3 Data list 27
8.4 Marking information 28
8.5 Colour-code 28
Bibliography **30**