# DIN EN 17092-4:2020-05 (E)

## Protective garments for motorcycle riders - Part 4: Class A garments - Requirements

## Contents

Page


European foreword ..... 3

Introduction ..... 4

1 Scope ..... 7

2 Normative references ..... 7

3 Terms and definitions ..... 8

4 Requirements ..... 10
4.1 General ..... 10
4.1.1 Tests ..... 10
4.1.2 Innocuousness ..... 10
4.1.3 Dimensional stability of garments ..... 11
4.1.4 Garment and samples performance after cleaning ..... 11
4.2 Impact energy absorption ..... 11
4.2.1 General ..... 11
4.2.2 Impact protector location and fixation ..... 12
4.3 Impact abrasion resistance ..... 12
4.4 Structurally strong seams ..... 13
4.4.1 General ..... 13
4.4.2 Seam strength ..... 13
4.5 Tear strength ..... 14
4.6 Restraint ..... 14
4.6.1 General ..... 14
4.6.2 Two-piece suit requirements for joint between upper part and lower part ..... 14
4.6.3 Garment sleeve restraint ..... 14
4.7 Additional garment construction requirements ..... 15
4.7.1 General ..... 15
4.7.2 Structural closures ..... 15
4.7.3 Vents ..... 15
4.7.4 Pockets ..... 15
4.7.5 Zone intrusions ..... 15
4.7.6 Collar material ..... 17
4.7.7 Use of open mesh materials ..... 18
4.7.8 Use of retroreflective materials (optional) ..... 18
4.7.9 Fit and ergonomics ..... 18

5 Marking ..... 18

6 Information to be supplied to the user - Wearer information and instructions for use ..... 19

Annex ZA (informative) Relationship between this European Standard and the essential requirements of Regulation (EU) 2016/425 aimed to be covered ..... 21

Bibliography ..... 23