

DIN EN ISO 15384:2022-04 (E)

Protective clothing for firefighters - Laboratory test methods and performance requirements for wildland firefighting clothing (ISO 15384:2018 + Amd 1:2021) (includes Amendment :2021)

Contents		Page
European foreword		4
[A1] European foreword to Amendment [A1]		5
Foreword		6
Introduction		7
1	Scope	8
2	Normative references	8
3	Terms and definitions	9
4	Clothing design	11
4.1	General	11
4.2	Collar	11
4.3	Protective coverall or protective suit	11
4.4	Pockets	12
4.5	Hardware	12
4.6	Retroreflective and/or fluorescent materials	12
4.7	Sleeves	12
4.8	Trousers	12
5	Sampling and pre-treatment	13
5.1	General	13
5.2	Sampling	13
5.3	Pre-treatment by cleaning	13
5.4	Conditioning	13
5.5	Exposure surface	13
5.6	Ageing	13
6	Thermal requirements	14
6.1	Flamespread	14
6.1.1	General	14
6.1.2	Face ignition	14
6.1.3	Edge ignition	14
6.2	Heat transfer (radiation)	15
6.3	Heat resistance	15
6.3.1	Heat resistance of the sewing thread	15
6.3.2	Heat resistance of retroreflective/fluorescent materials	15
7	Mechanical requirements	15
7.1	Tensile strength	15
7.2	Tear strength	15
7.3	Main seam strength	15
[A1] 7.4	Abrasion resistance [A1]	16
8	Ergonomic and comfort requirements	16
8.1	Thermal resistance	16
8.2	Water vapour resistance	16
9	General	16
9.1	Dimensional change after washing and/or dry-cleaning	16
9.2	Retroreflective and/or fluorescent performance	16
9.3	Summary of performance requirements	17
[A1] 9.4	Innocuousness [A1]	18

10	Marking and labelling	18
10.1	General	18
10.2	Label durability and legibility	18
10.3	Compliance marking requirements	18
11	Information supplied by the manufacturer	19
Annex A (normative)	Ⓐ Uncertainty of measurement and determination of property values Ⓐ	20
Bibliography	21