

DIN EN ISO 11611:2015-11 (E)

Protective clothing for use in welding and allied processes (ISO 11611:2015)

Contents		Page
European Foreword		4
Introduction		6
1	Scope	7
2	Normative references	7
3	Terms and definitions	8
4	General and design requirements	10
4.1	General	10
4.2	Protective clothing	11
4.3	Size designation and fit	11
4.4	Additional protective garments	11
4.5	Pockets and flap closures	11
4.6	Closures and seams	12
4.7	Hardware	12
5	Sampling and pre-treatment	12
5.1	Sampling	12
5.2	Pre-treatment of material	12
5.3	Ageing	12
5.4	Conditioning	13
6	General performance requirements	13
6.1	Classification	13
6.2	Tensile strength	13
6.3	Tear strength	13
6.4	Burst strength of knitted materials and seams	13
6.5	Seam strength	13
6.6	Dimensional change of textile materials	14
6.7	Limited flame spread	14
6.7.1	General	14
6.7.2	Testing in accordance with ISO 15025, Procedure A (code letter A1)	14
6.7.3	Testing in accordance with ISO 15025, Procedure B (code letter A2)	15
6.8	Impact of spatter (small splashes of molten metal)	16
6.9	Heat transfer (radiation)	16
6.10	Electrical resistance	16
6.11	Fat content of leather	16
6.12	Performance requirements	16
7	Marking 11 8 Information supplied by the manufacturer	18
8.1	General	18
8.2	Intended use	18
8.3	Improper use	18
8.4	Care and maintenance	19
Annex A (normative) Guidance for the selection of the type of welders' clothing (Class 1/Class 2) ...		20
Annex B (normative) Determination of property values for rating and classification		21

Annex C (normative) Uncertainty of Measurement	22
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC	23
Bibliography	24