

DIN EN ISO 21420:2020-06 (E)

Protective gloves - General requirements and test methods (ISO 21420:2020)

Contents		Page
European foreword		4
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Regulation 2016/425 aimed to be covered		5
Foreword		6
Introduction		7
1	Scope	8
2	Normative references	8
3	Terms and definitions	9
4	General requirements	10
4.1	Glove design and construction — General	10
4.2	Innocuousness of protective gloves	10
4.3	Cleaning	11
4.4	Additional properties	12
4.4.1	Electrostatic properties	12
5	Comfort and efficiency	12
5.1	Sizing and measurement of gloves	12
5.2	Dexterity	12
5.3	Breathability and comfort	13
5.3.1	Water vapour transmission	13
5.3.2	Water vapour absorption	13
6	Test procedures	13
6.1	Measurement of glove length	13
6.1.1	Procedure	13
6.2	Test method for determining gloved finger dexterity	14
6.2.1	Number and condition of specimens	14
6.2.2	Apparatus required	14
6.2.3	Test procedure	14
6.2.4	Test result	15
6.2.5	Test report	15
6.3	Test method for determination of water vapour behaviour	15
6.3.1	Leather materials	15
6.3.2	Textile materials	15
6.4	Test method for the determination of water vapour absorption of leather materials	15
6.4.1	Sampling	15
6.4.2	Test procedure	15
6.5	Test report	15
7	Marking and information	16
7.1	General	16
7.2	Marking	16
7.2.1	Glove marking	16
7.2.2	Marking of packaging	17
7.3	Information supplied by the manufacturer	17
7.4	Information to be supplied on request	19

Annex A (informative) Definition of "For minimal risks only"	20
Annex B (informative) Sizes and measurement of hands	21
Annex C (normative) Pictograms	23
Annex D (informative) Test results — Uncertainty of measurement	25
Annex E (informative) Flow chart for considering acceptability of materials in protective gloves	26
Annex F (informative) Environmental aspects	28
Annex G (informative) Substances, or families of substances, which are known allergens that may be found in gloves	29
Bibliography	30