

DIN EN 388:2019-03 (E)

Protective gloves against mechanical risks (includes Amendment :2018)

Contents		Page
	European foreword	4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Requirements	7
4.1	General	7
4.2	Additional Protection	7
4.2.1	General	7
4.2.2	Impact protection	8
5	Sampling and conditioning	8
6	Test methods	8
6.1	Abrasion resistance	8
6.1.1	Principle	8
6.1.2	Consumables	8
6.1.3	Apparatus	9
6.1.4	Test specimens	9
6.1.5	Test procedure	9
6.1.6	Test report	11
6.2	Blade cut resistance	12
6.2.1	Principle	12
6.2.2	Equipment	12
6.2.3	Test specimen	14
6.2.4	Control specimen	15
6.2.5	Canvas	15
6.2.6	Test method	15
6.2.7	Calculation of test results	16
6.2.8	Test report	17
6.3	Cut Resistance method (EN ISO 13997)	17
6.3.1	General	17
6.3.2	Test specimen	17
6.3.3	Test report	17
6.4	Tear resistance	18
6.4.1	Principle	18
6.4.2	Equipment	18
6.4.3	Test specimen	18
6.4.4	Setting up the test specimen	18
6.4.5	Test method	19
6.4.6	Test report	19
6.5	Puncture resistance	20
6.5.1	Principle	20
6.5.2	Equipment	20
6.5.3	Test specimen	21
6.5.4	Test method	21
6.5.5	Test report	21
6.6	Impact Test	21

7	Marking	21
7.1	General	21
7.2	Pictograms	22
7.3	Marking of additional requirements	22
7.4	Examples of marking	22
8	Information supplied by the manufacturer in the user notice	23
	Annex A (normative) Abradant	24
A.1	Definition of the abradant	24
A.2	Acceptation criteria of the abradant	24
	Annex B (normative) Test results - Uncertainty of measurement	25
C.1	Objective	26
C.2	Apparatus and materials	26
C.3	Preparation of test specimens	27
C.4	Test procedure	28
C.5	Examples of acceptable adhesive tape	30
	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"	31