

ISO 16073-4:2019-11 (E)

Wildland firefighting personal protective equipment - Requirements and test methods - Part 4: Gloves

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Gloves	2
4.1	Design requirements	2
4.1.1	Component assembly	2
4.1.2	Wristlet or cuff	2
4.1.3	Glove sizing	2
5	Sampling, pretreatments and preconditioning	3
5.1	Sampling	3
5.1.1	Inspection	3
5.1.2	Testing	3
5.2	Pretreatments	3
5.2.1	Pretreatment by laundering or dry cleaning	3
5.2.2	Flexing	4
5.3	Preconditioning	4
5.3.1	Dry conditioning	4
5.3.2	Wet conditioning	4
6	Performance requirements	4
6.1	General requirements	4
6.2	Thermal requirements	4
6.2.1	Flame resistance	4
6.2.2	Heat transfer -- Flame exposure	6
6.2.3	Heat transfer -- Radiant exposure	6
6.2.4	Heat transfer -- Conductive exposure	6
6.2.5	Materials' thermal stability	7
6.2.6	Materials' thermal shrinkage	7
6.3	Mechanical requirements	7
6.3.1	Abrasion resistance	7
6.3.2	Cut resistance	7
6.3.3	Tear resistance	8
6.3.4	Puncture resistance	8
6.4	Ergonomic requirements	8
6.4.1	Dexterity	8
6.4.2	Grip	8
6.4.3	Donning test	8
7	Marking and labelling	9
7.1	General	9
7.2	Label durability and legibility	9
7.3	Compliance marking requirements	10

8	Manufacturer's information	10
8.1	General	10
	Annex A (informative) Guidelines for personal protective equipment design	12
	Annex B (normative) Grip test -- Gloves	13
	Annex C (normative) Ease of donning and doffing test	15
	Bibliography	17