



## ANNEX

EU TYPE EXAMINATION CERTIFICATE Nr. 046/2021/0085

### 1. Applicant

Granqvists Sportartiklar ab  
Hynboholm 342  
655 91 Karlstad  
Sweden

### 2. Description

EN 407:2004



4 2 4 2 X X

EN 659:2003+A1:2008



Approved after 25 washings

EN 388:2016+A1:2018



4 4 4 4 F



### 3. Materials and accessories

#### **Intermediate lining**

- Fireblocker 1447

#### **Lining**

- J1420

#### **Leather**

- Cow Split Leather 659 for cuff in Black
- Cow Split Leather 659 for cuff in Royal Blue
- Cow Split Leather 659 in Black
- Cow Split Leather 659 in Royal Blue
- Roe-Deer Leather in Black (fourchettes)
- Roe-Deer Leather in Orange (fourchettes)

#### **Gloves**

- Fire Grip 3.0 BA0901



#### 4. Technical documentation

##### Summary test results

EN 420:2003+A1:2009                      Leather                      **Cow Split Leather 659 in Royal Blue**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	

EN 420:2003+A1:2009                      Leather                      **Roe-Deer Leather in Orange (fourchettes)**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	

EN 420:2003+A1:2009                      Leather                      **Cow Split Leather 659 for cuff in Black**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	

EN 420:2003+A1:2009                      Leather                      **Cow Split Leather 659 in Black**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	

EN 420:2003+A1:2009                      Leather                      **Roe-Deer Leather in Black (fourchettes)**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	

EN 420:2003+A1:2009                      Leather                      **Cow Split Leather 659 for cuff in Royal Blue**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	
§64 LFG-B B 82.02-3 (v) leather	AZO dyes for colored gloves	PASS	
EN ISO 17075:2007	Chromium determination	PASS	



EN 420:2003+A1:2009 Intermediate lining **Fireblocker 1447**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	

EN 420:2003+A1:2009 Lining **J1420**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	

EN 659:2003+A1:2008 Lining **J1420**

Method	Description	Result	Class
ISO 17493 180°C	Thermal resistance before and after washing	PASS	

EN 420:2003+A1:2009 Gloves **Fire Grip 3.0 BA0901**

Method	Description	Result	Class
EN 1413	pH - textile	PASS	
EN 14362-1	AZO dyes for colored gloves	PASS	
EN 420 length	Length	PASS	
EN 420 dexterity	Dexterity	PASS	Level 2
1149-1 / 1149-2 / 1149-3	Electrostatic properties	/	/

EN 407:2004 Gloves **Fire Grip 3.0 BA0901**

Method	Description	Result	Class
EN ISO 6941	Burning behaviour before and after washing	PASS	Level 4
EN 702	Contact heat before and after washing	PASS	Level 2
ISO 9151	Convection heat before and after washing	PASS	Level 4
EN ISO 6942:2002 method B	Radiant heat before and after washing	PASS	Level 2
EN 348	Small drops of molten metal	/	X
EN 373	Large quantities of molten metal	/	X
EN 388 6.1	Abrasion resistance before and after washing	PASS	Level 4
EN 388 6.3	Tear resistance before and after washing	PASS	Level 4

EN 388:2016+A1:2018 Gloves **Fire Grip 3.0 BA0901**

Method	Description	Result	Class
EN 13594:2015 §6.9	Impact Test	/	/
EN 388 6.1	Abrasion resistance before and after washing	PASS	Level 4
EN 388 6.2	Cut resistance before and after washing	DULLING	Level 4
EN 388 6.4	Tear resistance before and after washing	PASS	Level 4
EN 388 6.5	Puncture resistance before and after washing	PASS	Level 4
ISO 13997 6.3	Cut resistance before and after washing	PASS	Level F



EN 659:2003+A1:2008

Gloves

**Fire Grip 3.0 BA0901**

Method	Description	Result	Class
EN 407	Burning behaviour before and after washing	PASS	
EN 367	Convection heat before and after washing	PASS	
EN ISO 6942	Radiant heat before and after washing	PASS	
EN 702 250°C	Contact heat before and after washing	PASS	
ISO 17493	Heat shrink before and after washing	PASS	
EN 388 6.1	Abrasion before and after washing	PASS	Level 4
EN 388 6.2	Cut resistance before and after washing	DULLING	Level 4
EN 388 6.3	Tear resistance before and after washing	PASS	Level 4
EN 388 6.4	Puncture resistance before and after washing	PASS	Level 4
EN ISO 6530 NaOH, 40%	Resistance to liquid chemical penetration before and after washing	PASS	
EN ISO 6530 HCl, 36%	Resistance to liquid chemical penetration before and after washing	PASS	
EN ISO 6530 H2SO4,30%	Resistance to liquid chemical penetration before and after washing	PASS	
EN ISO 6530 O-Xylene	Resistance to liquid chemical penetration before and after washing	PASS	
EN ISO 6530	Resistance to liquid chemical penetration before and after washing	PASS	
EN ISO 13935-2	Seam strenght before and after washing	PASS	
ISO 15383	Whole glove integrity test before and after washing	PASS	
EN 659 3.15	Removal of the gloves before and after washing	PASS	
EN 420 size	Size	PASS	
EN 420 dexterity	Dexterity	PASS	Level 2
EN 20811	Resistance to water penetration (optional)	/	/

## Description/Picture of article

Article **The Firefighter Gloves Fire Grip 3.0 BA0901**



The above picture is a general picture of the article. Possible variations of the above article can be present in the technical file.

Note :

Any modification in material, design, or other technical features must be brought to the attention of the Notified Body.