

## ANNEX

EU TYPE EXAMINATION CERTIFICATE Nr. 046/2021/0484

### 1. Applicant

Granqvists Sportartiklar ab  
Hynboholm 342  
655 91 Karlstad  
Sweden

### 2. Description

EN 659:2003+A1:2008



Approved after 25 washings

### 3. Materials and accessories

#### Intermediate lining

- Fireblocker 1447

#### Lining

- J1420

#### Leather

- Cow Grain Leather 659 in Black (Palm)
- Cow Grain Leather 659 in Yellow (Palm)
- Cow Split Leather 659 in Black (Cuff)
- Cow Split Leather 659 in Yellow (Cuff)
- Elk Grain Leather 659 in Black (Back)
- Elk Grain Leather 659 in Yellow (Back)
- Roe-Deer Leather in Orange (Fourchettes)

#### Gloves

- Nordic Elk Grip 3.0 BA0910

## 4. Technical documentation

### Summary test results

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

**Elk Grain Leather 659 in Yellow (Back)**

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 Grain Leather 659 in Yellow (Palm)**

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 Grain Leather 659 in Black (Palm)**

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

**Elk Grain Leather 659 in Black (Back)**

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 (Cuff)**

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 Yellow (Cuff)**

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 420:2003+A1:2009

Gloves

**Nordic Elk Grip 3.0 BA0910**

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 3
1149-1 / 1149-2 / 1149-3	Electrostatic properties	/	/

EN 659:2003+A1:2008

Lining

**J1420**

Method	Description	Result	Class
ISO 17493 180°C	Thermal resistance before and after washing	PASS	-3,7% / -3,3%

EN 659:2003+A1:2008

Gloves

**Nordic Elk Grip 3.0 BA0910**

Method	Description	Result	Class
EN 407	Burning behaviour before and after washing	PASS	Afterflame: 0s Afterglow: 0s Dripping: NO Seam destroyed: NO Melting innermost layer: NO
EN 367	Convection heat before and after washing	PASS	33s
EN ISO 6942	Radiant heat before and after washing	PASS	39,5s
EN 702 250°C	Contact heat before and after washing	PASS	21s at 250°C
ISO 17493	Heat shrink before and after washing	PASS	-1,5% / -0,8%
EN 388 6.1	Abrasion resistance before and after washing	PASS	Level 3
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 3
ISO 13997 6.3	Cut resistance before and after washing	PASS	Level E
EN ISO 6530 NaOH, 40%	Resistance to liquid chemical penetration before and after washing	PASS	No penetration
EN ISO 6530 HCl, 36%	Resistance to liquid chemical penetration before and after washing	PASS	No penetration
EN ISO 6530 H2SO4,30%	Resistance to liquid chemical penetration before and after washing	PASS	No penetration
EN ISO 6530 O-Xylene	Resistance to liquid chemical penetration before and after washing	PASS	No penetration
EN ISO 13935-2	Seam strenght before and after washing	PASS	590N
ISO 15383	Whole glove integrity test before and after washing	PASS	No leaks
EN 659 3.15	Removal of the gloves before and after washing	PASS	2" dry and wet
EN 420 Size	Size	PASS	
EN 420 Dexterity	Dexterity	PASS	Level 3
EN 20811	Resistance to water penetration (optional)	/	/

**Description/Picture of article**

Article **The Firefighter Gloves Nordic Elk Grip 3.0 BA0910**



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.