



## ANNEX

### CE TYPE EXAMINATION CERTIFICATE Nr. 046/2016/0138

#### 1. Application

Granqvists Sportartiklar ab  
Hynboholm 342  
655 91 Karlstad  
Sweden

#### 2. Description

EN 659



Approved after 25  
washing cycles

#### 3. Materials and accessories

##### **Intermediate lining**

- Fireblocker 1447

##### **Lining**

- J1420

##### **Leather**

- Cow FR leather - yellow
- Deer leather 659 - yellow
- Roe - deer, orange

##### **Gloves**

- BA0910



#### 4. Technical documentation

##### Summary test results

EN 420+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+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 Lining **J1420**

Method	Description	Result	Class
ISO 17493 180°C	thermal resistance	PASS	
ISO 17493 180°C	thermal resistance	PASS	

EN 420+A1:2009 Leather **Roe - deer, orange**

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

EN 420+A1:2009 Leather **Deer leather 659 - yellow**

Method	Description	Result	Class
EN ISO 4045	pH - leather	PASS	

#### CENTEXBEL • TEXTILE COMPETENCE CENTRE

Technologiepark 7 • BE 9052 Gent • Belgium • phone +32 9 220 41 51 • fax +32 9 220 49 55 • gent@centexbel.be • www.centexbel.be

VAT • BE 0459.218.289 • IBAN • BE 44 2100 4729 6545 • BIC • GEBABEBB



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

EN 420+A1:2009 Leather **Cow FR leather - yellow**

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

EN 420+A1:2009 Gloves **BA0910**

Method	Description	Result	Class
EN 420 length	length	PASS	
EN 420 dexterity	Dexterity	PASS	level 3

EN 659:2003+A1 Gloves **BA0910**

Method	Description	Result	Class
EN 407	burning behaviour	PASS	
EN 367	convection heat	PASS	
EN ISO 6942	radiant heat	PASS	
EN 702 250°C	contact heat	PASS	
ISO 17493	heat shrink	PASS	
EN 420 dexterity	dexterity	PASS	level 3
EN ISO 13935-2	seam strenght	PASS	
EN 420 size	size	PASS	
EN 388 6.1	abrasion	PASS	level 3
EN388 6.2	cut resistance	PASS	level 4
EN388 6.3	tear resistance	PASS	level 4
EN388 6.4	puncture resistance	PASS	level 3
EN659 3.15	removal of the gloves	PASS	
EN20811	resistance to water penetration (optional)	/	/
ISO 15383	whole glove integrity test	PASS	
EN ISO 6530	resistance to liquid chemical penetration	PASS	
ISO 15383	whole glove integrity test	after washing NO	



		WATERPR OOF GLOVES	
EN388 6.3	tear resistance	PASS	level 3
EN 388 6.1	abrasion	PASS	level 4
EN388 6.4	puncture resistance	PASS	level 3
EN388 6.2	cut resistance	PASS	level 5
EN659 3.15	removal of the gloves	PASS	
ISO 17493	heat shrink	PASS	
EN ISO 6942	radiant heat	PASS	
EN 367	convection heat	PASS	
EN 407	burning behaviour	PASS	
EN 702 250°C	contact heat	PASS	
EN ISO 6530	resistance to liquid chemical penetration	PASS	

## Description/Picture of article



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.