

TECHNICAL DATASHEET

NEW DIMENSION 2.0

Fire brigade protective gloves according to EN 659:2003+A1:2008 and EN 420:2003+A1:2009

MODEL: NEW DIMENSION 2.0 long

PERFORMANCE DATA



CERTIFICATION BODY

Centexbel-Textile Competence Centre
Technologiepark 7-B-9052 Gent
Identificationnumber of the notified body NB 0493

TECHNICAL DATA

- The palm and the back of the hand are made from specially tanned Hightech Tan® leather (approx. 1,2mm) for optimum tactility
- Porelle® moisture barrier (windproof, waterproof, breathable)
- Finger sidewall is made from deer-leather (orange coloured)
- Lining material is made a from KEVLAR®/ Protex M®/minaral fibre which protects against cuts and provides heat insulation
- Nomex® knit trim (alt: leather gauntlet)
- Overall length approx. 32 cm (size 10)

MANUFACTURE PART NO

NEW DIMENSION 2.0 short / long

MATERIAL

Hightech Tan® leather, KEVLAR®

SIZE

5 - 12

FIELDS OF APPLICATION

Internal attack

MODEL: NEW DIMENSION 2.0 short



PERFORMANCE LEVELS

	REQUEST	RESULT
Abrasion resistance	3	3
Cut resistance back	2	4
Cut resistance palm	2	5
Tear resistance	3	4
Puncture resistance	3	4
Dexterity	1	5
Burning behaviour	4	pass
Convective heat	least 13.0s	pass
Radiant heat	least 22.0s	pass
Contact heat, dry 250°	least 10,0s	pass
Contact heat, wet 250°	least 10,0s	pass
Heat shrinkage	<_5%	pass
Seam strength	least 350 N	pass
Pull out glove, dry	<_3s	pass
Pull out glove, wet	<_3s	pass
Chemical penetration	no penetration	pass

SIZE MARKING

CATEGORY

CATEGORY III

Example: size 10 black

SIZE

Color

EN - NORM

EN 659:2003+A1:2008 und EN 420:2003+A1:2009



5

pink

6

orange

7

green

8

blue

9

red

10

black

11

light brown

12

purple

PICTOGRAMS



EN 420:2003+A1:2009

EN 659:2003+A1: 2008

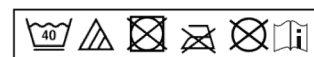


OTHERS

Certified washability at 40°C



(No impairment of properties
according to EN 659 - up to 25 washes)



- according to washing expertise Lars
Reuter (Master Textile Cleaner, Hamburg)

The declaration of conformity can be found at www.penkert.com

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