

TECHNICAL DATASHEET

ELK DEFENDER 2.0

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

MODEL: ELK DEFENDER 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

- Hand piece made of specially tanned cowhide and elk leather
- Lining material made of aramid fibers: 50% aramid/ 34% polyester/16% glass fibre
- Thermal insulation: Panox (dark grey needle fleece)
- Porelle® membrane as moisture barrier (water-proof, breathable)
- Flame resistant Nomex®- knitted cuff, total length approx. 32 cm
- (Alternative: extra long leather cuff, for size 10 total length of the glove at least 40 cm from the tip of the middle finger)
- Leather loop as a tightening aid and for fastening to the waist belt
- Certified washability at 40°C (no impairment of the Properties according to EN 659 - up to 25 washes Impregnation of the gloves after every 5th wash recommended!

MANUFACTURE PART NO

ELK DEFENDER 2.0 short / long

MATERIAL

Elk leather, Aramid fabrics, Nomex®

SIZE

5 - 14

FIELDS OF APPLICATION

Internal attack

MODEL: ELK DEFENDER 2.0 short



PERFORMANCE LEVELS

		REQUEST	RESULT
Abrasion resistance	Back	3	3
	Palm		4
Cut resistance	Back	2	4
	Palm		5
Tear resistance	Back	3	4
	Palm		3
Stich resistance	Back	3	3
Dexterity		1	3
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

Example: size 10 black

SIZE COLOR

CATEGORY

CATEGORY III

EN - NORM

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

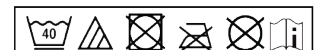
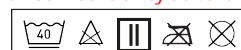
PICTOGRAMS

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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