

TECHNICAL DATASHEET

ELK DEFENDER 3.0

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

MODEL: ELK DEFENDER 3.0 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)
- Textile 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 gloves recommended after every 5th wash

MANUFACTURE PART NO.

ELK DEFENDER 3.0 short / long

MATERIAL

Elk leather, Aramid fabrics, Nomex®, Cow Leather

SIZE

5 - 14

FIELDS OF APPLICATION

Internal attack

MODEL: ELK DEFENDER 3.0 short



PERFORMANCE LEVELS

	REQUEST	RESULT
Abrasion resistance	3	3
Cut resistance	2	4
Tear resistance	3	4
Stitch resistance	3	3
TDM:Cut	A	E
Dexterity	1	3
Burning behavior	4	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

EN - NORM

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

PICTOGRAMS



OTHERS



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

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