TECHNICAL DATASHEET

NEW DIMENSION 3.0

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

MODEL: NEW DIMENSION 3.0 long

MODEL: NEW DIMENSION 3.0 short

SIZE MARKING

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®/Carbon fibers which protects against cuts and provides heat insulation • Nomex® knit trim (alt: cow split leather gauntlet) • Overall length approx. 32 cm (size 10) • 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	NEW DIMENSION 3.0 short / long
MATERIAL	Hightech Tan® leather, Nomex®, Kelvar®, deer-leather
SIZE	5 - 12
FIELDS OF APPLICATION	Internal attack

PERFORMANCE LEVELS	REQUEST	RESULT
Abrasion resistance	3	3
Cut resistance	2	4
Tear resistance	3	4
Puncture resistance	3	4
TDM:Cut	A	E
Dexterity	1	5
Burning behaviour	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

CATEGORY	CATEGORY III
EN - NORM	EN 659:2003+A1:2008 and EN 420:2003+A1:2009
PICTOGRAMS	CE 0493 EN 420:2003+A1:2009 EN 659:2003+A1: 2008
OTHERS	Certified washable at 40° C No impairment of properties according to EN 659 - up to 25 washes The declaration of conformity can be found at www.penkert.com

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