

**Article-No.:**

506991-55

**Model Name:**

FIRE KEEPER Matrix PBI Knitted Welt

KP

**Design & Construction:**

**Description:**

The FIRE KEEPER is suitable for use for direct fire fighting (flash-over, inside attack) as well as salvage, rescue and technical assistance as defined in EN 659:2008. Direct heat and flame protection, anti-static, high mechanical abrasion resistance, breathability and good dexterity. Gathered ankle and padded with shock-absorbing SUPROTECT. Protective connection with the clothing. Absolute fit within the sizes.



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**Sizes:**

6 - 12

**Color:**

6001 beige

**Materials:**

**Inside hand, finger joint & knuckle protection:**

Elastic knitted fabric made of 100% Kevlar with flame-retardant silicone-carbon coating

**Backhand:**

PBI matrix fabric extremely light and heat and flame resistant

**Lining/Insulation:**

Interlock knitted fabric made of 100% Kevlar directly needled with non-woven Aramid fabric

**Knitted welt:**

fabric made of meta-aramid

**Insert:**

Porelle mebrane, waterproof, windproof with optimum breathability, anatomical

**Applications:**

reflective label, rings on the right and left glove and a snap hook

Length: approx. 31 cm

**Product instructions:**

**Cleaning:**



For drying hang up on the fingertips.

**Recommendation:**

The use of commercially available cleaning agents (e.g. brushes, cleaning cloths etc.) is recommended. The gloves should be checked to ensure they are intact before being used again.

**Restriction:**

Washing or dry-cleaning should only be carried out after consulting an accredited firm of specialists. For changes to the properties the manufacturer is not able to accept any liability here. The performance levels were determined by 5x washing at 60 ° C.

The service life of glove depend on degree of wear and use of intensity in field of application. There is no possibility to to give some information about time of use/service.

**Pictograms and power levels according DIN EN 659:2008 (EN 659+A1+AC:2009) CAT III**

Parameter	Requirement	Result	Level
Abrasion (EN 388)	min. 3	2000 Cycles	3
Cut resistance (EN 388)	min. 2	10,3 Index	4
Tear resistance (EN 388)	min. 3	99 Newton	4
Puncture resistance (EN 388)	min. 3	100 Newton	3
Burning behavior (EN 407)	4	Burning time Glowing time =0	4
Dexterity (EN 420)	min. 1	Test pen 5mm	5
Convective heat resistance (EN 367)	HTI <sub>24</sub> ≥13	Back 29 Palm 18	-
Radiant heat resistance (EN ISO 6942)	RHTI <sub>24</sub> ≥20	Mean value 68	-
Contact heat resistance (EN 702)	t <sub>c</sub> ≥10s	Dry 15 Wet 11	-
Seam breaking strength (ISO 13935-2)	Min. 350 N	741 N	-



**Performance data EN 388 – mechanical risks**

Testing	Level 1	Level 2	Level 3	Level 4	Level 5
1.number :Abrasion (Cycles )	100	500	2000	8000	
2.number:Cut resistance ( Index )	1,2	2,5	5,0	10,0	20,0
3.number:Tear resistance ( Newton )	10	25	50	75	
4.number:Puncture resistance ( Newton )	20	60	100	150	

(0 = no examination of power level/ 5 = highest power level)

**Testing:**

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