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August Penkert
Technische Leder- und
Kunststoffzeugnisse

FLASH PRO

Instructions for use



FLASH PRO

August Penkert GmbH Xantener Str. 12, D-45479 Mülheim an der Ruhr
Tel.: +49 (0)208-41969-0, Fax: +49 (0)208-41969-22, mail@penkert.com



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Protective gloves for firefighters in accordance with EN 659:2003

- >> **60% meta-aramid/40% para-aramid palms, double face knit with silicone coating**
- >> **50% Nomex® anti-static/50% viscose FR backs and cuffs, Paris blue**
- >> **Eurotex-insert as a moisture barrier (PU-membrane)**
- >> **100% para-aramid Needlona® heat protection felt as heat insulation, Needlona® KR122 in the palm area, needle punched nonwoven SILICA FIBRE in the upper hand and cuff areas**
- >> **Para-aramid Interlock knit for additional insulation in the hand section**
- >> **70% Nomex®/30% viscose FR cuff insulation, grey melange**
- >> **Pleated padding in the knuckle area, 60% meta-aramid/40% para-aramid double face knit**
- >> **3M reflective strips (yellow/silver/yellow) on rear cuffs**
- >> **Reversible Velcro fastener at cuff opening, available in sizes 7-13, Karabiner hooks and eyes**

Application

This glove protects the hands during normal firefighting work and during other fire service activities such as search and rescue. The gloves are not intended for the intentional handling of liquid chemicals but can provide protection during accidental contact with chemicals.

Cleaning instructions



When washing the glove use a pH-neutral cleaning agent.

How to use ?

1. The glove should be used only under the conditions for which it is designed.
2. Before use, the glove should be inspected for visible damage. Never use a glove that is damaged. Make sure it is replaced in good time.
3. The glove must be cleaned strictly according to the instructions.
4. Soiled gloves should be washed as soon as possible as dirt can reduce the fire-protective properties and the quality of the glove.
5. Gloves that have become wet can be dried in the air.
6. Incorrect or improper use can lead to serious injury and relieves the manufacturer from all responsibility.

Performance specifications

	Requirements	Results
Abrasion resistance	at least level 3	level 3
Cut resistance	at least level 2	level 3
Tear resistance	at least level 3	level 3
Puncture resistance	at least level 3	level 3
Burning behaviour	level 4	level 4
Convective heat resistance	at least 13,0s	24,0s
Radiant heat resistance	at least 22,0s	27,9s
Contact heat resistance, dry conditioning 250°C	at least 10,0s	25,0s
Contact heat resistance, wet conditioning 250°C	at least 10,0s	16,0s
Heat shrinkage	≤ 5%	passed
Dexterity	at least level 1	level 3
Seam breaking strength	at least 350 N	430 N
Time for the removal of gloves, dry conditioning	≤ 3s	1s
Time for the removal of gloves, wet conditioning	≤ 3s	2s
Resistance to liquid chemical penetration	no penetration	passed

FACTS

PRODUCT NO 216650

DESCRIPTION The glove is designed in accordance with Directive 89/686/EC and complies with the following Norms: EN 659:2003 (Protective gloves for firefighters)