

# PPE – Personal Protective Equipment



## Protective Gloves

## PROTECTIVE AND AUXILIARY EQUIPMENT

DIN EN 388  
DIN EN 407

Box test in accordance with EN 61482-1-2 (DIN VDE 0682 Part 306-1-2)

- For maintenance and repair work at electrical installations
- For protection against thermal and mechanical risks
- Underwent 7 kA/0.5 s arcing fault test (box test) in accordance with EN 61482-1-2 (DIN VDE 0682 Part 306-1-2)
- EC type-examination certificate issued by an accredited certification body
- Excellent fit due to special glove cut
- Good touch sensitivity due to soft leather inner surface of the gloves
- High wearing comfort due to use of breathable materials



Actuation of an NH fuse puller using protective gloves.

### Notes

In accordance with article 5 of the German labour protection law, employers have to perform a hazard analysis.

This hazard analysis also involves the protection against arcing faults. Employers have to select and provide tested protective clothing including helmets, face shields and gloves to protect personnel against arcing fault hazards.

Employers also have to ensure that protective clothing is worn during works presenting arcing fault hazards.

Protective gloves Type APG are no insulated gloves in accordance with EN/IEC 60903 (DIN VDE 0682 Part 311) for live working.

### Application

Evaluation of accidents has shown that serious burns caused by arcing faults in low-voltage installations could have been prevented if adequate protective clothing (PPE) had been worn.

Protective gloves Type APG (Arc Protective Glove) are particularly designed for maintenance and repair work in and at electrical installations. The protective gloves as well as the material used have been tested in accordance with EN 61482-1-2 (box test) for protection against skin burns due to thermal hazards of an arcing fault. The extra long, elastic glove gauntlet allows for fixing the sleeve of the protective clothing and ensures protection of the forearm. The excellent fit of the gloves and the high touch sensitivity in the finger and thumb region allow skilled persons to carry out almost all types of operations and installations in and at electrical installations. The high wearing comfort ensures long wearing of the gloves.

### Technical Data

Inner surface of the glove	Siliconised calf grain leather, beige
Back of the glove	Interlock knit fabric, 100% Kevlar®, coated with a flame-retardent poly-chloroprene foam (Neoprene®), black
Sewing thread	Kevlar®

### Marking of the protective glove

	Observe instructions for use
 <b>4X3XXX</b>	<p>Protection against thermal risks according to EN 407: 2004</p> <p>Performance levels: 4 X 3 X X X (tested on protective gloves which are as good as new)</p> <ul style="list-style-type: none"> <li>X – Large splashes of molten metal</li> <li>X – Small splashes of molten metal</li> <li>X – Radiant heat</li> <li>3 – Convective heat</li> <li>X – Contact heat</li> <li>4 – Flammability</li> </ul> <p>Performance levels marked with X are not applicable.</p>
 <b>1111</b>	<p>Protection against mechanical risks according to EN 388: 2003</p> <p>Performance levels: 1 1 1 (tested on protective gloves which are as good as new)</p> <ul style="list-style-type: none"> <li>1 – Puncture resistance (Attention: No protection against sharp objects such as injection needles, ...)</li> <li>1 – Tear resistance</li> <li>1 – Blade cut resistance</li> <li>1 – Abrasion</li> </ul>

PROTECTIVE AND AUXILIARY EQUIPMENT



Type	Arcing fault value in accordance with the box test	Total length	Gauntlet length	Size	Part No.
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**A Protective Gloves**

APG 8	7 kA / 0.5 s	310 mm	100 mm	8	<b>785 796</b> <b>new</b>
APG 9	7 kA / 0.5 s	320 mm	100 mm	9	<b>785 797</b> <b>new</b>
APG 10	7 kA / 0.5 s	330 mm	100 mm	10	<b>785 798</b> <b>new</b>
APG 11	7 kA / 0.5 s	340 mm	100 mm	11	<b>785 799</b> <b>new</b>



Measuring the circumference around the knuckles with a measuring tape

**Glove size**

Measure the circumference around your knuckles to determine your correct glove size.

Circumference around the knuckles	Glove size
20.3 cm	8
22.9 cm	9
25.4 cm	10
27.9 cm	11

**Ordering example**

For a circumference around the knuckles of 24 cm we recommend glove size 10.