

The Strongest Shield Against Arc Flash!

"The choice of professionals against electricity's most dangerous risks."



EN 388



3 1 1 2 X

EN 407



4 X 2 X X X

EN 61482-2



7kA, 05 s
APC2

ASTM F2675



Palm ATPV: 28.1 cal/cm²
Back ATPV: 125.3 cal/cm²

ARSafe
ARC PROTECTION GLOVE

Why ARSafe?

ARSafe gloves serve as a life-saving safety barrier for personnel working on high-voltage installations. Engineered with advanced design principles and validated through high-performance testing, ARSafe sets a new benchmark in arc-flash protection. Unlike fabric-based gloves, ARSafe is not limited to indoor use - it delivers uncompromising performance in harsh outdoor environments and extreme weather conditions.

Tested in accordance with ASTM F2675 / F2675M, ARSafe provides exceptionally high ATPV ratings and goes beyond the protective intent of ASTM F696, which covers leather protectors worn over insulating rubber gloves.

When exposed to sparks or flame, the glove does not drip, melt, or ignite.

Key Advantages

- ✓ Superior protection against electric arc flash
- ✓ Extremely durable material construction
- ✓ Excellent adaptability for demanding outdoor operations
- ✓ Perfect balance between comfort and protection
- ✓ Certified to CE and ASTM international standards
- ✓ Field-tested, user-driven design based on real-world risk scenarios

Material Construction



Palm:
Premium cowhide leather,
abrasion- and puncture-resistant



Back:
Para-aramid textile combined with
polychloroprene coating for
exceptional thermal and arc-flash
resistance

Application Areas

Low-Voltage Installations

Panel assembly, wiring

EV Charging Stations

Testing, commissioning, maintenance

Medium & High-Voltage Facilities

Substations, distribution networks

Power Distribution & Transmission Lines

Maintenance and field repair

Power Generation Plants

Thermal, hydro, wind, solar, nuclear

Industrial Maintenance & Assembly

Factory power systems, heavy industry

Emergency Response & Fault Repair Teams

Post-fire power isolation, rapid intervention

Testing & Measurement Operations

High-risk laboratories and on-site diagnostics

Esatechnic Assurance | www.arcdefenders.com

ARSafe gloves are tested to international standards, developed in response to real-world field requirements, and trusted by professionals worldwide. Bundletec / ArcDefenders Technical Team

⚠ Warning: Warning: While ARSafe exhibits high electrical resistance, it is **not** an insulating glove and must **not be used alone under live-voltage conditions** (not covered by EN 60903).

Release Date: 01 September 2025

Ergonomic Design

- ✓ Pilot-glove structure provides an excellent anatomical fit.
- ✓ Soft leather palm ensures superior tactile sensitivity.
- ✓ Breathable materials deliver maximum wearing comfort during long shifts.



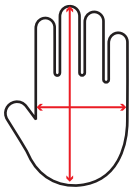
Selecting the Correct Size

- To achieve optimal protection, the glove must fit neither too tight nor too loose.

Incorrect sizing may:

- Restrict hand movement
- Reduce grip strength
- Compromise safety

How to Measure



Hand Circumference (Girth) - Primary Criterion

- Measure around your palm (excluding the thumb) without clenching your fist.
- Record the measurement in millimetres (mm).

Hand Length – Secondary Criterion

- Measure from the tip of the middle finger to the base of the wrist.

ARSafe Size Chart

Size	Hand Circumference (mm)	Length (mm)	User Profile
9 (S)	220	280	Small / Medium hands
10 (M)	230	300	Medium / Large hands
11 (L)	240	320	Large Hands
12 (XL)	250	310	Wide Palms
13 (XXL)	260	330	Very Large Hands

Model	Arsafe
Arc fault protection class (EN61482-2:2020 7 kA / 0.5 s)	APC 2
EN 388:2016+A1:2018	3112x
EN 407:2020	4X2XXX
Arc Rating - ATPV (Palm)	25 cal/cm²
Arc Rating - ATPV (Coated Back)	125.3 cal/cm²
Ar(Lim) cal/cm²	14
Total length	280 mm - 330 mm
Size	9 (S) - 10 (M) - 11 (L) - 12 (XL) - 13 (XXL)
Material (palm)	High-quality cowhide leather, resistance to abrasion and puncture
Material (back)	Para-aramid textile combination with polychloroprene coating
Customs tariff number (Comb. Nomenclature EU)	42032910