

Protective Work Gloves

1. Scope

This specification defines the requirements for supplying **insulated protective work gloves** suitable for general electrical maintenance and handling tasks involving low-voltage systems up to **400–500V** (non-live contact). **Gloves shall be durable, flexible, and safe for industrial electrical use.**

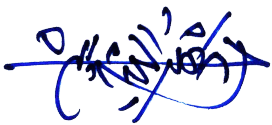
2. General Requirements

The supplied gloves shall:

- 1. Provide basic electrical insulation (400V–500V).
- 2. Be designed for electrician use and general tool handling.
- 3. Include a **rubber/latex coated palm** for strong grip, abrasion resistance, and durability.
- 4. Have a **polyester/knitted backing** for flexibility and breathability.
- 5. Have an ergonomic fit suitable for long working hours.
- 6. Be lightweight, reusable, and resistant to mechanical wear.

3. Technical Specifications

<u>Parameter</u>	<u>Requirement</u>
Type	Protective Work Gloves
Voltage Rating	400V – 500V (basic insulation)
Style	Insulated Work Gloves
Material - Palm	Rubber / Latex textured coating
Material - Back	Polyester / Knitted fabric
Size	S, M, L, XL, XXL. XXXL
Color	Black/ Gray with dark coated palm (or equivalent standard colors)
Included Components	1 pair of gloves
Special Features	Electrical insulation, enhanced grip, double-layer insulation
Mechanical Resistance	Good abrasion, tear, and puncture resistance



4. Compliance Requirements

Gloves shall comply with or exceed the following standards:

- **EN ISO 21420** – General Requirements for Protective Gloves
- **EN 388** – Mechanical Risks (abrasion, cut, tear, puncture)

5. Applications

Suitable for use in:

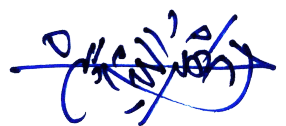
- Electrical maintenance work
- Cable handling and installation
- Panel and distribution board works
- Handling electrical tools and components
- General utility, workshop, and construction tasks

6. Packaging and Delivery

- Gloves shall be delivered **new and unused**.
- Each pair shall be individually packed or supplied in protective packaging.
- Packaging must indicate size, material, insulation rating, and manufacturer details.

7. Documentation to be Submitted by Supplier

- Product datasheet
- Compliance certificates (EN standards)



Bill of Quantity

#	Size	Unit	Quantity
1	Small	Pair	50
2	Medium	Pair	50
3	Large	Pair	50
4	X-Large	Pair	50
5	XX-Large	Pair	30
6	XXX-Large	Pair	20

