

Gloves

Introduction

Elecsafe gloves provide complete hand protection from electrical shock during electrical operations.

Elecsafe Advantage

Elecsafe electrical insulating rubber gloves are made with highest quality rubber which gives unique benefits like :

- Tensile Strength $\geq 16\text{MPa}$ - Gives higher operating life.
- Average elongation at break $\geq 600\%$ - flexibility for different hand sizes.
- Puncture resistance $\geq 18\text{N/mm}$ - Gives higher puncture resistance.
- Tension set $\leq 15\%$ - Non deforming

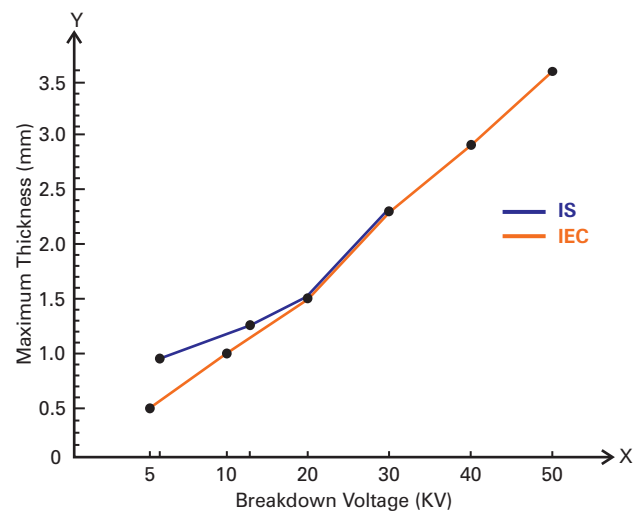


Gloves as per IS-4770

- Used for applications ranging from 500V to 17kV.
- Resistance to ozone - Longer storage life
- Resistance to Moisture Absorption - Suitable for rainy and humid conditions.

Gloves as per IEC-60903 : 2002-03

- Made from high quality synthetic latex rubber for better properties in less thickness.
- Automated dipping process to control design variables.
- Gloves voltage applications from 500V to 40kV.
- Contoured design for less fatigue.
- Elecsafe offers complete range of gloves in all classes and sizes.
- Added benefit of resistance to acid, oil, ozone and very low temperature.
- Conforms to Ageing Requirements and Flame Retardant properties.



Comparison : Thickness Vs Breakdown Voltage

Leather Over Gloves

- Mechanical protection against cut, abrasion & punctures
- Manufactured with top grain cow hide leather.
- Provides dual benefit of dielectrical as well as mechanical resistance.

Cotton Liner Gloves

- Knitted from stretch fabric these gloves are worn to reduce discomfort due to perspiration & slippage.

Applications

Distribution and Utilities, Railways, Oil and Gas, Heavy Engineering etc.



INSULATING RUBBER GLOVES

IS 4770:1991

S.No.	Product Code	Type /Class	Max. Working voltage (Volts)	Proof test Voltage (Volts)	Leakage current at Proof voltage (mA)	Length (mm)	
1	ES-HP-EST-1-WH	IS Type-1	650	5000	4	355	
2	ES-HP-EST-2-WH	IS Type-2	1100	10000	8	355	
3	ES-HP-EST-3R-WH	IS Type-3*	7500	17000	14	400	
4	ES-HP-EST-3-WH	IS Type-3	7500	17000	14	355	
5	ES-HP-EST-4-WH	IS Type-4	17000	25000	16	355	
	IEC - 60903:2002						Categories
6	ES-HP-CL00-OR	IEC- class-00	500	2500	14	360	A,Z,C
7	ES-HP-CL0-OR	IEC- class-0	1000	5000	14	360	A,Z,C
8	ES-HP-CL1-OR	IEC- class-1	7500	10000	16	360	A,Z,C
9	ES-HP-CL2-OR	IEC- class-2	17000	20000	18	360	R,C
10	ES-HP-CL3-OR	IEC- class-3	26500	30000	20	360	R,C
11	ES-HP-CL4-OR	IEC- class-4	36000	40000	24	410	R,C

For product selection kindly use proof test voltage parameters.

The (*) marked product is as per REC specs.

Z- Ozone, A-Acid, H-Oil, C-very low temp, R= A+Z+H

All IS gloves are available in off white color & IEC category in orange color.