



FLEX & GRIP® RANGE

The range FLEX & GRIP® of insulating composite gloves combines dielectrical and mechanical performances in order to be used **without leather protectors**.

First manufacturer to propose a full range of composite gloves, REGELTEX has developed these gloves in taking into consideration the expectation of users :

- The formula of the outside surface have some efficient non-slipping characteristics even if gloves are used in wet environment,
- The systematical supply of one pair of mittens (which keep dexterity of fingers) for limiting the perspiration effect. Over more, this solution make easier the cleaning and the drying of insulating gloves after use and avoid the bacteriological problem due to residual humidity,
- Follow up of the quality : as requested by the standard, REGELTEX have purchased the testing equipment used for the validation of each batch of production in order to insure that levels of mechanical resistance (abrasion, tearing, cutting and puncture) are obtained.

#### General characteristics :

- Length : 41 cm (+/- 15 mm)
- Categories : RC (acid, oil, ozone and very low temperature)
- Sizes available : 8 – 9 – 10 – 11 – 12
- Each pair of gloves is supply with one Direction for use, one pair of mittens in a plastic colored bag taking the color code defined by standards.

#### Electrical requirements (routine tests and sampling tests in alternating current)

Designation	Thickness in mm *	Max. use voltage (in volts)	Proof test voltage (in volts)	Withstand voltage (in volts)
FLEX & GRIP® BT/LV	2.1	1 000	5 000	10 000
FLEX & GRIP® Class 1	2.5	7 500	10 000	20 000
FLEX & GRIP® Class 2	2.9	17 000	20 000	30 000
FLEX & GRIP® Class 3	3.1	26 500	30 000	40 000
FLEX & GRIP® Class 4	3.6	36 000	40 000	50 000

1/ In the choice of class, it is important to define the network nominal voltage which must not exceed the maximum operating voltage. For multiphase networks, the network nominal voltage is the voltage between phases.

2/ The proof test voltage is the one applied to gloves during the individual routine tests.

3/ The withstand voltage is the one applied during the validation tests after the gloves have been conditioned for 16 hours in water and after a 3-minutes test at the proof voltage.

\*Obtaining a category authorises an additional thickness of 0.6mm

Signification of category letters : R = Resistance to acid, ozone and oil – C = Resistance to very low temperature.

Manufacturer of insulating gloves for live working