

# NOVAX LINEMAN GLOVE

*your preferred global partner in electrical safety*





NOVAX Electrical Safety is a division of GB Industries Sdn Bhd, a leading glove manufacturer since 1987. GB ventured into the electrical safety industry after making great progress in the manufacturing of household and industrial gloves.

The skills and experience in latex dipping process acquired over more than 20 years resulted in the development of NOVAX rubber insulating gloves, which easily meet and even surpass the requirements of ASTM D120, NFPA 70E and EN 60903.

# history

# introduction



CE0194



The NOVAX rubber insulating gloves are made in Malaysia, the heart of the largest latex rubber producing region in the world. The product has been produced and sold worldwide for many years. NOVAX gloves are manufactured in an ISO 9001:2008 certified manufacturing facility.

The NOVAX rubber insulating gloves are personal protective equipment (PPE) used in carrying out works with energized parts, and are mainly used by linemen involved in the maintenance of power supply lines. They form the first line of defence against electrocutions in the utilities, telecommunication and transportation industries, in particular, the electric powered trains, hybrid automobiles and Formula 1 racing circuits since the introduction of KERS system.

## These gloves are an indispensable safety product for those in the electrical related industries.

Substantial investments have been made in the manufacturing facility to increase current production output, thereby reducing the lead time for shipment to all NOVAX customers.

*NOVAX is now placed in a strong position to achieve its vision of being the preferred partner in the electrical safety industry.*

quality



To ensure superior performance, NOVAX rubber insulating gloves are produced from specially compounded latex that offers excellent dielectric properties combined with great flexibility, strength and durability. We invest extensively to upgrade our products and create new product lines under our NOVAX brand.

**NOVAX - The world industry leader in premium quality insulating gloves.**

# ASTM D120 – Standard Specification for Rubber Insulating Gloves

Our gloves are labelled according to specification as below:



CLASS 1

CLASS 1 (WHITE)  
PROFF TEST AC/DC VOLTS  
10,000 / 40,000  
MAX USE AC/DC VOLTS  
7,500 / 11,250\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 1 MAX USE TYPE 1  
MAX USE VOLT 7500V AC



CLASS 0 (RED)  
PROFF TEST AC/DC VOLTS  
5,000 / 20,000  
MAX USE AC/DC VOLTS  
1,000 / 1,500\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 0 MAX USE TYPE 1  
MAX USE VOLT 1000V AC



CLASS 00 (BEIGE)  
PROFF TEST AC/DC VOLTS  
2,500 / 10,000  
MAX USE AC/DC VOLTS  
500 / 750\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 00 MAX USE TYPE 1  
MAX USE VOLT 500V AC



CLASS 2

CLASS 2 (YELLOW)  
PROFF TEST AC/DC VOLTS  
20,000 / 50,000  
MAX USE AC/DC VOLTS  
17,000 / 25,500\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 2 MAX USE TYPE 1  
MAX USE VOLT 17000V AC



CLASS 3 (GREEN)  
PROFF TEST AC/DC VOLTS  
30,000 / 60,000  
MAX USE AC/DC VOLTS  
26,500 / 39,750\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 3 MAX USE TYPE 1  
MAX USE VOLT 26500V AC



CLASS 4 (ORANGE)  
PROFF TEST AC/DC VOLTS  
40,000 / 70,000  
MAX USE AC/DC VOLTS  
36,000 / 54,000\*

**10** NOVAX™ by G.B. INDUSTRIES  
ANSI / ASTM MADE IN D120  
CLASS 4 MAX USE TYPE 1  
MAX USE VOLT 36000V AC



CLASS 4

\*Maximum use DC voltage is not part of any ASTM specification. Maximum use DC voltages are valid in reference to EN 60903 only.

# NOVAX rubber insulating gloves

| description  | cuff style                              | length |      | sizes  |
|--|---|--------|------|--|
|  |   | mm     | inch |  |
| NOVAX CLASS 00<br>2,500 Volt Tested<br>500 Volt Working    | Straight<br>Straight                    | 280    | 11   | 7-8-9-10-11-12<br>7-8-9-10-11-12                     |
|  |   | 360    | 14   |  |
| NOVAX CLASS 0<br>5,000 Volt Tested<br>1,000 Volt Working   | Straight<br>Straight                    | 280    | 11   | 7-8-9-10-11-12<br>7-8-9-10-11-12                     |
|  |   | 360    | 14   |  |
| NOVAX CLASS 1<br>10,000 Volt Tested<br>7,500 Volt Working  | Straight<br>Contour<br>Bell             | 360    | 14   | 7-8-9-10-11-12<br>8-9-10-11-12<br>9-10-11-12         |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |
| NOVAX CLASS 2<br>20,000 Volt Tested<br>17,000 Volt Working | Straight<br>Contour<br>Bell             | 360    | 14   | 7-8-9-10-11-12<br>8-9-10-11-12<br>9-10-11-12         |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |
| NOVAX CLASS 3<br>30,000 Volt Tested<br>26,500 Volt Working | Straight<br>Straight<br>Contour<br>Bell | 410    | 16   | 9-10-11-12<br>9-10-11-12<br>9-10-11-12<br>9-10-11-12 |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |
| NOVAX CLASS 4<br>40,000 Volt Tested<br>36,000 Volt Working | Straight<br>Straight<br>Contour<br>Bell | 410    | 16   | 9-10-11-12<br>9-10-11-12<br>9-10-11-12<br>9-10-11-12 |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |
|  |   | 460    | 18   |  |



NOVAX rubber insulating gloves are now available in half sizes.

The contoured shape & softness reduces hand fatigue.

Every single NOVAX Glove is tested, inspected and packed according to the requirements in ASTM D120 and EN 60903.

The gloves are numbered individually for traceability and stamped with the factory manufacturing date by ink stamp.



STRAIGHT CUFF



CONTOUR CUFF



BELL CUFF

# EN60903: Live Working – Gloves of Insulating Material

Under EN60903, our gloves also pass certain special properties which are classified by the addition of suffixes as follows:

| CATEGORY:   | RESISTANT TO:             |
|---|---------------------------|
| A   | Acid                      |
| H   | Oil                       |
| Z   | Ozone                     |
| R   | Acid, oil, ozone          |
| C   | Extremely low temperature |
| <i>Note 1: Category R combines the characteristics of categories A, H and Z.</i><br><i>Note 2: Any combination of categories may be used.</i> |                           |

Our Classes 00 and 0 are certified to AZC, whilst our Class 2, 3 and 4 gloves are certified to RC qualifications. These gloves will have additional thickness of up to 0.6mm as specified under EN60903.

## NOVAX Rubber Insulating Gloves Available Colours



yellow



orange / black



black



red



red / black



orange

# GLOVE STORAGE BAG



Front View



Side View

Glove Storage Bag suit a pair of our range of NOVAX® Electrical Safety Gloves. Storing rubber insulating gloves in the right size bag and never place more than one pair into each storage bag, equipment will lie flat and last longer.

## Features and Benefits

Proper storage extends the service life of linemen's gloves.

| Length | Dimension                          |
|--------|------------------------------------|
| 11"    | 21 cm (W) x 32 cm (L) x 9.3 cm (D) |
| 12"    | 21 cm (W) x 32 cm (L) x 9.3 cm (D) |
| 14"    | 21 cm (W) x 39 cm (L) x 9.3 cm (D) |
| 18"    | 21 cm (W) x 50 cm (L) x 9.3 cm (D) |



# TESTING YOUR NOVAX® GLOVE

## TAKE GOOD CARE OF YOUR GLOVES

AS IT HAS  
TO TAKE GOOD  
CARE OF YOU!

NOVAX® Insulating Gloves are manufactured with the most stringent testing standards to achieve the highest possible quality. Made from natural rubber specifically formulated to ensure high dielectric properties. To maintain your gloves in top condition it is essential to take special and regular care of them.



### Step 1

To test for holes, grip the cuff with the gloves hanging downward.



### Step 2

Twirl it upward towards yourself so that the air is trapped inside the glove.



### Step 3

Fold and press the cuff tightly to trap the air inside. Apply pressure to the glove and inspect for damage exposed by the inflation.



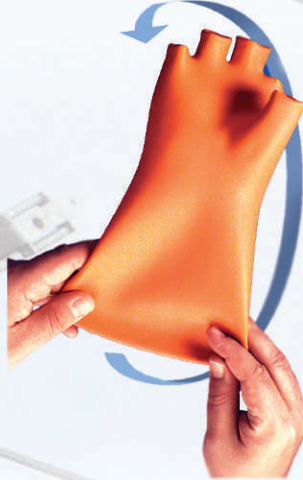
### Step 4

Position the inflated glove next to your face and squeeze it. Listen and feel for any escaping air which will indicate holes.



### Step 5

Pull the cuff over the fingers to expose the reverse side.



### Step 6

Trap the air inside the glove by repeating Step 1 and 2.



### Step 7

Fold the cuff and hold it tightly to keep the air inside. Squeeze the inflated glove to extend the fingers. Check the glove for any damage.

# HYGIENE, INSPECTION & CARE OF NOVAX ELECTRICAL INSULATING GLOVES

## HYGIENE

- Wash your hands several times a day.
- Wash your hands before and after use.
- Dry your hands thoroughly
- Apply a hand care product to protect your hands from skin ailments.
- Seek medical advice for skin ailments.

## INSPECTION

- Inspect the condition of your Electrical Insulating Gloves before and after every use.
- Inspect inside and outside the Electrical Insulating Gloves from the finger tips to the cuff of the glove
- Inspect inside and outside the Leather Over Gloves from the finger tips to the cuff of the glove
- Replace all gloves that are damaged.

## CARE

- Protect Electrical Insulating Gloves from Mechanical, Chemical, Heat and/or UV rays.
- Never wear or store your gloves inside out.
- Wear leather Over Gloves.
- Wash clean, rinse and dry your Electrical Insulating Gloves when the gloves become soiled at temperature not exceeding 30 degrees Celsius.
- Avoid creases by not folding or storing the gloves with weight on top.
- Store separately in Glove Bag out of the sun and heat.
- Inspect Leather Over Gloves before using them.

## CHECK FOR SIGNS OF DAMAGE



### Punctures

Sharp objects like splinters and rough edges can easily cause tears and punctures



### Ozone Damage and Aging

From storage at close proximity to ozone producing equipment



### Sun Damage

Exposure to sun's ultra-violet rays



### Chemical Damage

Swelling and tackiness caused by contact with petrol-chemical products

**REPLACE YOUR GLOVES IMMEDIATELY IF THERE'S ANY DAMAGE!**

# NOVAX® PRODUCTS



**RUBBER INSULATING BLANKETS**



**RUBBER INSULATING SLEEVES**



**LEATHER PROTECTOR GLOVES**



**DIELECTRIC SAFETY BOOTS**

[www.novax-intl.com](http://www.novax-intl.com)

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