

GUANTES

DIELÉCTRICOS - NOVAX



Descripción:

Protección de manos

Marca: NOVAX

NOVAX[®]
ELECTRICAL SAFETY

Características:

- El guante, fabricado en caucho natural, ofrece las propiedades dieléctricas requeridas, combinado con flexibilidad, fuerza y durabilidad.
- La forma contorneada reduce la fatiga de la mano.
- Los guantes de electricista NOVAX son probados individualmente para respetar las directrices ANSI/ASTM D120 Estándar y NFPA 70E.
- Usarlos en zonas de riesgo eléctrico y para electro soldadura.

Usos:

- Generación de potencia, contratistas eléctricos, mantenimiento de planta industrial y reparación de automotor.

Estándar:

- EN60903, ASTM D120, NFPA 70E, 29CFR part 1910- Occupational Safety and Health Standards ASTM D 120-02a- Rubber Insulating Gloves, ASTM- F496- 06- In-Services Care of Insulating Gloves and Sleeves, ASTM F696-02- Leather Protectors for Rubber Insulating Gloves and Mittens ASTM F1236-96- Visual Inspection of Electrical Protective Rubber Products



Ni el vendedor ni el fabricante serán responsables de cualquier lesión personal, pérdida o daños ya sean directos o consecuentes del mal uso de este producto. Antes de ser usado, se debe determinar si el producto es apropiado para el uso pretendido.

Síguenos:

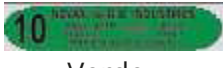


@vym_safety



RAZON SOCIAL:
V&M SAFETY PERU S. A. C.
R.U.C.: 20612313441

Clase	Longitud	Tallas	Marca	Espesor	Standard	T. Prueba	T. Uso
00	11"	7,8,9,10,11	NOVAX	0.75	EN60903 ASTM D120 NFPA 70E	2 500 V	500 V
0	11"	7,8,9,10,11	NOVAX	1.0	EN60903 ASTM D120 NFPA 70E	5 000 V	1 000 V
1	14"	7,8,9,10,11	NOVAX	1.5	EN60903 ASTM D120 NFPA 70E	10 000 V	7 500 V
2	14"	7,8,9,10,11	NOVAX	2.3	EN60903 ASTM D120 NFPA 70E	20 000 V	17 000 V
3	14"	9,10,11,12	NOVAX	2.9	EN60903 ASTM D120 NFPA 70E	30 000 V	26 500 V
4	14"	7,8,9,10,11	NOVAX	2.3	EN60903 ASTM D120 NFPA 70E	40 000 V	36 000 V

Color por Clase	Color Etiqueta Guante	Códigos Fabricante
Guante clase 0	 Beige	147-00-11 147-00-14
Guante clase 00	 Rojo	147-00-11 147-00-14
Guante clase 1	 Blanco	147-2-14
Guante clase 2	 Amarillo	147-2-14
Guante clase 3	 Verde	147-3-14
Guante clase 4	 Naranja	147-4-14



TEST REPORT

REFERENCE NO.: SO 102086

LOT NO.: 2-OG/0423

REQUIREMENTS

TABLE 1 – Dimension requirements in accordance with EN 60903:2003 & ASTM D120-22.

Class of gloves	Thickness, mm			Standard length ^b , mm			
	Minimum ^a		Maximum				
	In Crotch ^a	Others					
00 ^c	-	-	0.50	280	360	-	-
00 ^d	0.20	0.25	0.75	280	360	-	-
0	0.46	0.51	1.00	280	360	410	460
1	0.63	0.76	1.50	-	360	410	460
2	1.02	1.27	2.29	-	360	410	460
3	1.52	1.90	2.92	-	360	410	460
4	2.03	2.54	3.56	-	-	410	460
^a In crotch thickness & minimum thickness requirements applied to ASTM D120-22 requirements only. ^b The permissible variation in length shall be ± 13mm for all classes. ^c Class 00 maximum thickness 0.50mm applied to EN 60903:2003 requirements only. ^d Class 00 maximum thickness 0.75mm applied to ASTM D120-22 requirements only.							

TABLE 2 – AC Voltage requirements proof test current in accordance with EN 60903:2003 & ASTM D120-22.

Class of gloves	Proof test voltage, kV rms	Maximum proof test current ^{b, c} , mA rms								Withstand test voltage / Min. Breakdown voltage, kV rms
		Glove length, mm								
		60 Hz AC Proof test voltage				50 Hz AC Proof test voltage				
		280	360	410	460	280	360	410	460	
00	2.5	10	12	N/A ^a	N/A	6.7	10.0	N/A	N/A	5
0	5.0	10	12	14	16	6.7	10.0	11.7	13.3	10
1	10	N/A	14	16	18	N/A	11.7	13.3	15.0	20
2	20	N/A	16	18	20	N/A	13.3	15.0	16.7	30
3	30	N/A	18	20	22	N/A	15.0	16.7	18.3	40
4	40	N/A	N/A	22	24	N/A	N/A	18.3	20.0	50
^a N/A = Not applicable ^b For AC moisture absorption/proof test current shall not exceed the values specified in Table 2 by more than 2 mA ^c The proof test voltage is higher than the recommended maximum use voltage.										



TEST REPORT

REFERENCE NO.: SO 102086

LOT NO.: 2-OG/0423

Sample description: Rubber insulating gloves of **Class 2, 2OG-230/S1-360, Orange** has been subjected to dimension measurements, physical properties test and AC electrical tests at 50Hz.

DIMENSIONS

Sampling test results in accordance with EN 60903:2003, clause 8.2.2 and & ASTM D120-22, section 17.

Sample	Length, mm	<u>Thickness</u>		
		Palm, mm	Back, mm	Crotches, mm
CLASS 2	363 – 367	2.08 – 2.10	2.10 – 2.22	1.35 – 1.40

PHYSICAL PROPERTIES

Sampling test results in accordance with EN 60903:2003, clause 5.2.1 & ASTM D120-22, section 19.2.

	<u>Results</u>	<u>Requirements</u>	<u>Status</u>
CLASS 2: Original.			
1. Tensile strength, MPa	Average: 27	min. 17	PASS
2. Elongation at break, %	Average: 970	min. 600	PASS

CLASS 2: Heat-aged for 168 hrs. @ 70°C.

1. Tensile strength, % of original	(28MPa) 104%	min. 80	PASS
2. Elongation at break, %	(945%) 97%	min. 80	PASS

AC PROOF TEST

Sampling test results in accordance with EN 60903:2003, clause 8.4.2 & ASTM D120-22, section 18.4.2.

The gloves, right side out was filled with tap water and immersed in water to a specified depth from the cuff. The water level during the test shall be the same inside and outside the glove. A metal rod was lowered inside the glove as one electrodes and a metal rod placed in the water tank outside the glove as the other electrode. A voltage was applied to the electrodes at an increasing rate of 1000V/s until specified voltage for each class of glove was reached. The specified voltage was applied for a period of 3 minutes after which the voltage was lowered to 0 V.

<u>Sample</u>	<u>Results</u>	<u>Status</u>
CLASS 2: 20.0 kV, max. Leakage allowed 13.3 mA		
	7.4 – 7.6 mA	PASS



TEST REPORT

REFERENCE NO.: SO 102086

LOT NO.: 2-OG/0423

AC WITHSTAND TEST / BREAKDOWN TEST

Sampling test results in accordance with EN 60903:2003, clause 8.4.2.2 & ASTM D120-22, section 18.4.3. The gloves, right side out was filled with tap water and immersed in water to a specified depth from the cuff. The water level during the test shall be the same inside and outside the glove. A metal rod was lowered inside the glove as one electrodes and a metal rod placed in the water tank outside the glove as the other electrode. A voltage was applied to the electrodes at an increasing rate of 1000V/s until specified voltage for each class of glove was reached.

Sample	Min. Voltage Applied, kV AC	Status
CLASS 2	30.0 kV	PASS

AC MOISTURE ABSORPTION / PROOF TEST

Sampling test results in accordance with EN 60903:2003, clause 8.4.1 & ASTM D120-22, section 18.4.4. The gloves, right side out was filled with tap water and immersed in water to a specified depth from the cuff. The gloves were soaked for a period of 16 hours. Then, the gloves shall be tested to AC proof test. The voltage was applied to the electrodes at an increasing rate of 1000V/s until specified voltage for each class of glove was reached. The specified voltage was applied for a period of 3 minutes after which the voltage was lowered to 0 V.

Sample	Results	Status
CLASS 2: 20.0 kV, max. Leakage allowed 15.3 mA	8.9 – 9.2 mA	PASS

AC AGEING PROOF TEST

Sampling test results in accordance with EN 60903:2003, clause 8.5. The gloves shall be place in an air oven for 168 hours at 70°C. Then, the gloves shall be tested to AC proof test. A voltage was applied to the electrodes at an increasing rate of 1000V/s until specified voltage for each class of glove was reached. The specified voltage was applied for a period of 3 minutes after which the voltage was lowered to 0 V.

Sample	Results	Status
CLASS 2: 20.0 kV, max. Leakage allowed 13.3mA	7.2 – 7.3 mA	PASS

Prepared by : 
Name : Viethya Setaram
Date : 28th April 2023

Approved by : 
Name : Norwahida Yusof
Date : 28th April 2023

