



***"Our Name  
Says It All"***



## **Rubber Insulating Products, Dielectric Testing Services & Personal Protective Equipment**

**Power Utilities, Electrical Contractors, Municipal Power Systems,  
Co-ops, Telecom & Cable Providers & Renewable Power Generation**

Phone:

1•800•548•GARD (4273)  
+1•847•291•1600

Fax: 1•888•548•GARD (4273)  
+1•847•291•1610

voltgard@saftgard.com  
www.saftgard.com

# **SAF-T-GARD®**

International, Inc.  
BRINGING WORKERS HOME SAFELY SINCE 1936

# THE VOLTGARD® TEST LAB

## MORE THAN 40 YEARS OF HISTORY & SERVICE EXCELLENCE

Saf-T-Gard International, Inc. founded the Voltgard® Test Lab in 1983 to help develop the electrical testing and utility industry business. Today, more than 40 years later, Saf-T-Gard's Voltgard® Test Lab operates as the largest, independent NAIL4PET-accredited test lab in the United States with thousands of customers in every industry.

## CONVENIENT COMPLIANCE

Electrical safety awareness and compliance isn't only for contractors and utilities any longer. OSHA, ASTM and NFPA standards mandate the use and testing of in-service rubber insulating equipment when even the smallest probability of contact (with 50 volts AC or higher) exists. These rules affect nearly all industrial workplaces, as every single facility has a need for electrical safety - whether the company is a larger facility with building engineers overseeing distribution, or a smaller facility with maintenance staff working around floor or wall sockets.



The Voltgard® Test Lab is outfitted with state-of-the-art equipment to perform full-service testing & recertification of all major brands of:

- Rubber insulating gloves\*
- Rubber insulating sleeves
- Rubber insulating blankets\*
- Rubber insulating line hose
- Insulating covers
- Dielectric footwear
- Insulating by-pass jumpers
- Portable grounding jumpers
- Hot sticks & live line tools
- Insulating plastic guards
- Insulating hand tools
- Rubber insulating matting

*All testing is to applicable industry standards*

*\*DC Testing is available for rubber insulating gloves & blankets*

## DC TESTING CAPABILITIES

Electrical testing is not just reserved for alternating current (AC) voltages. For maximum safety, it is important to understand the application for use and test the rubber insulating PPE as close as possible to that environment. While AC testing is applicable for general use, DC (direct current) testing is necessary for rubber insulating products in applications where there is exposure to DC, including (but not limited to) electric vehicles (EV), both fully electric and plug-in hybrid, renewable power generation (wind and solar particularly) and electrified mass transit and transportation. The Voltgard® Test Lab proudly offers electrical testing at both AC and DC voltages and stands ready to service all of your electrical safety needs.



Scan for more info!

**Inflated Rubber Insulating Glove for Visual Inspection**



**Dielectric Testing of Rubber Insulating Gloves**



**Dielectric Testing of Rubber Insulating Blankets**





# THE VOLTGARD® TEST LAB

**NO ONE ELSE OFFERS THE VOLTGARD® TEST LAB LEVEL OF SERVICE & EXPERTISE**

- Largest, independent NAIL4PET-accredited test lab in the United States with 5-decades of experience
- NAIL4PET Stands for “National Association of Independent Laboratories for Protective Equipment Testing” and incorporates the only Laboratory Accreditation for the electrical equipment test labs program in North America
- NAIL helps develop uniformity in testing and works in close association with ASTM International (American Society for Testing Materials)
- Full-service testing and recertification of rubber insulating products – all to applicable industry standards
- State-of-the-art equipment offers both AC and DC testing capabilities
- Team of ASTM voting members, QSSP (Qualified Safety Sales Professionals), SEE (Safety Equipment Experts) and NFPA 70E trained professionals



## DO YOU HAVE RUBBER GOODS THAT NEED TO BE TESTED?



Visit [www.voltgard.com](http://www.voltgard.com) or scan the QR Code to access the Voltgard® Rubber Insulating Products Testing Order Forms to get started!



# LET US MANAGE YOUR RUBBER GOODS SO YOU DON'T HAVE TO WITH THE ORIGINAL RUBBER GOODS CHANGE-OUT PROGRAM®

Let the Voltgard® Original Rubber Goods Change-Out Program® unburden you from coordinating, organizing, inventorying, and scheduling of multiple rubber insulating product types, sizes and quantities while ensuring you and your workers safe and timely compliance.

As the industry's first structured, professionally-managed program, the Original Rubber Goods Change-Out Program® monitors, tracks and manages our customers' rubber insulating products' in-service use and testing intervals for them so that they can focus on other work priorities without sacrificing safety or productivity.



Scan for more info!



Ideal for utilities, electrical contractors, cable & telecom providers, power & contractors, wind/solar energy, public transit & other large users of rubber insulating products, the program includes the following elements:

- Cleaning*
- Visual inspection*
- Electrical testing*
- Markings according to your company's safety protocols*
- Shipment to your warehouse or job site when they are needed*

Saf-T-Gard can immediately replace any goods not meeting applicable standards, including ASTM, OSHA or your company's own safety policies.



# 24/7 EMERGENCY STORM RESPONSE, SUPPORT & RECOVERY SERVICES

The safety of your employees is our highest priority. That is why Saf-T-Gard's Voltgard® Electrical Safety Division offers a 24/7 storm response hotline (1-844-VOLTGARD) for the emergency shipments of rubber insulating products and safety equipment including PPE.



## THE VOLTGARD® DIFFERENCE

- Centralized Chicago-area location conveniently offers nationwide service and is just minutes away from FedEx and UPS service centers, and near Chicago's O'Hare International Airport for express air shipments.
- Can assist in pre-event storm planning by supplying the necessary safety equipment in advance and offer the ability to stock your emergency supply after the storm.
- One of the largest new rubber goods inventories in the world - complemented by proprietary Voltgard® electrical safety products - available and ready to ship or pick up in a matter of hours!
- Premier, single-source supplier of superior electrical safety products including Honeywell Salisbury, PIP NOVAX®, Tingley, Skellerup, Radians and more!



Scan for more info!

# CUSTOM GROUNDS & JUMPERS DELIVERED WITH UNCUSTOMARY QUICKNESS

Custom assembly of personal protective grounds and temporary bypass jumpers within industry-leading delivery times. All custom sets are designed to unique specifications and tested to ASTM and OSHA standards. Whether it is single grounding assemblies, grounding cluster sets, or hand- or stick-installed jumpers, Voltgard® can build any configuration to fit every application.

## ASSEMBLY

- Assembled sets to the custom length, including clamps and ferrules to match your specific needs.
- Fast turnaround on most assemblies for quick shipment.

## TESTING

- Ability to fully test ground sets to confirm continuity and performance of the set as intended for use.
- While no standard exists to specify how often grounds need to be retested, the recommended industry practice is every 12 months or earlier if damage to the set is suspected.

## REPAIR & RECERTIFICATION

- Grounds and jumpers can oftentimes be repaired for repeated use and cost savings over the price of purchasing new sets.
- Full ability to inspect, repair and recertify grounds and jumpers to like-new status!

## CUSTOM ASSEMBLY, TESTING & REPAIR

ALL TO OSHA & ASTM STANDARDS!

CONTACT  
SAF-T-GARD AT  
1-800-548-GARD (4273)  
TO ORDER



TYPICALLY  
SHIPS IN  
3-4 DAYS\*

\*If desired  
components are  
in stock.



Scan for more info!

# FEATURED MANUFACTURERS & PRODUCTS

**TINGLEY** JOB SIGHT FR  
est. 1896

**Arc-Rated, ANSI-Rated,  
Hi-Viz Rainwear**

J44122 / Eclipse™      O44122 / Eclipse™

**CPA** CHICAGO PROTECTIVE APPAREL  
**MW MECHANIX WEAR**

**Arc-Rated Daily Wear  
& Arc Flash Protective  
Clothing**

SWH-40H3P-GPGY  
(Hood w/ Lift Front Lens)

SWJ-40-GPGY  
(Jacket)

**PENTA**  
ELECTRICAL SAFETY PRODUCTS

**Insulated & Hot Line  
Tools, Voltage Detectors  
& Load Break Tools**

KIT-9

LBT1427C

**3M** | **SALA**  
Fall Protection

**Arc Flash  
Fall Protection**

EXOFIT™

1103085

**ergodyne**  
WORK GEAR  
est. 1987

**Bucket Truck  
& Fall Protection  
Accessories**

3178

5710

**Honeywell**  
**SALISBURY**

**Rubber Insulating Products,  
Arc Flash Clothing, Grounding  
Sets, Jumper Cables, Insulated  
Tools & Dielectric Footwear**

OR150-6C

NG-214RB

E-011B

D2-L-YR-EC

**BEST WORKING WIPE**  
workgripapes.com

**Heavy-Duty  
Dual-Sided  
Wipes**

BWW-DOT60

**enespro**

**American-Made,  
Arc-Rated, FR &  
Hi-Viz Garments**

ARC40KITNG

H12HTHAT

V00HA-3V

V00HA-2V

**ILLUMAGEAR**  
**HALO**

**360° Personal Safety  
& Task Light for  
Hard Hats**

S100010-101

Photos and SKUs shown are representative products only. There are many more available.

Other manufacturer partners include:





Personal Voltage & Current Detectors,  
Emergency Response Service & PVCD

**COMPASS** **COMPASSPRO**



CE60 / CE60-LV (Low-Voltage)



CE60-PRO



Hydration  
& Electrolyte  
Replacement  
Solutions

Squincher Fast Packs®  
(Just Add Water)



Dielectric Overshoes & Boots



FRO3



FRO4



FQD8



GfG Instrumentation  
WORLDWIDE MANUFACTURER OF GAS DETECTION SOLUTIONS

Portable Gas Detectors



G450 4 Gas Multi-Gas Detector



8104

ST-235



Hot Line Tools &  
Equipment

HV-235



Intrinsically-Safe, Lightweight Flashlights



XPR-5584GMX



XPP-5422GMX



XPP-5454G



Lineman-Tested  
Sunscreen &  
Insect Repellent

12856



12851



12744

71443



91663



71433



Rubber Insulating  
Gloves & Sleeves

147-2-14



Photos and SKUs shown are representative products only. There are many more available.



# EXCLUSIVE VOLTGARD® BY SAF-T-GARD® PRODUCTS

As a leading manufacturer, distributor and tester of electrical safety products and head to toe personal safety equipment, the Voltgard® Division of Saf-T-Gard is dedicated to serving industries where worker safety and protection from electrical shock are critically important. The safety of your employees is our highest priority.



## SUPREME LEATHER PROTECTOR GLOVES

Designed using a soft NuBuck premium grain cowhide leather to be soft to the touch and hard on protection, these high-voltage leather protectors are the only leather protectors that meet both ASTM F696-06 (2019) Design and ASTM F3258-21 Performance Standards. Available in 11, 12, 13, 14, 15, and 16" lengths.



ISEA 105

A1

4

4

VLP-412

VLP-414



## V-GRIPS LEATHER PROTECTOR GLOVES

Available in low- and high-voltage styles, these gloves are manufactured using a proprietary grip-enhancing coating covering the palm, index finger and thumb to deliver an unsurpassed grip that won't affect the ergonomics of the gloves or sacrifice dexterity.



VLP-210S

VLP-214



## INSULATING ROLL BLANKETS

Designed to allow workers to custom cut blankets to fit any application. Available in precut 3' x 6' pieces or full 3' x 30' rolls.



VRLB00-30  
Class 00



VRLB0-6  
Class 0



## TELESCOPIC INSULATED RESCUE BODY HOOKS

The only telescopic insulated rescue body hooks on the market. The telescopic handle design collapses to a compact size, which saves on shipping costs when compared to fixed-length rescue hooks.



RESCUE-8T  
Extended



RESCUE-8T  
Retracted

Collapses from 8' or 6' to an overall length of 43" or 41" to minimize costly oversize shipping charges.

# QUALITY & VALUE WITHOUT COMPROMISE



VGB-12  
12" Glove Bag



VGB-14LP  
14" Two Pocket  
Glove & Protector  
Combo Bag



VGB-31GS  
31" Glove/Sleeve  
Combo Bag



## GLOVE & SLEEVE STORAGE BAGS

Manufactured using heavy-duty canvas, these bags feature snap-button closures, brass grommet drain holes on the bottom, a 3-piece leather strap holder on the back and a metal spring hook. Choose from glove bags to fit 12", 14", 16" or 18" rubber insulating gloves with or without pockets. Sleeve bags are also available.

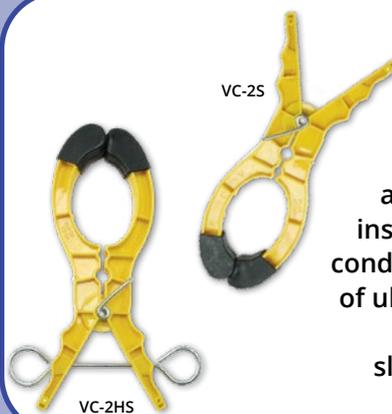


VT-12



## GLOVE INFLATION/INSPECTION TOOL

Designed to fit inside your glove bag, this tool makes the daily visual inspection of your rubber insulating gloves easier by blocking escaping air when rolled.



VC-2S

VC-2HS



## BLANKET CLAMPS

These blanket clamps provide an effective method for holding insulating blankets, line hose and conductors in place. They are made of ultra-high-strength polymer and include rubber tips to increase slip resistance. Available with or without a hot stick eye.



VSS-1  
Sleeve Straps

V-2SB  
Sleeve Buttons



## SLEEVE HARNESES & STRAPS

Made from the same super-soft rubber formulation as the legendary Voltgard® Blankets, some sleeve harnesses and straps include the buttons needed to connect them to your rubber sleeves.



VSH-1  
Sleeve Harness



## BLANKET CANISTERS

Bright orange, impact-resistant polyethylene blanket canisters are available to carry up to 6 blankets, including a super blanket canister with an exclusive molded-in handle for easy carrying.



SBC-6

VBC-36



Scan the QR code to browse Voltgard® electrical safety products online. Choose them knowing that you are assured of top quality and unsurpassed value. Feel confident that you are getting products with more than 85 years of Saf-T-Gard experience behind them.



## RUBBER INSULATING BLANKETS

Rubber insulating blankets are manufactured from exclusive Voltgard® rubber formulations for maximum dielectric strength, durability and flexibility and provide the most versatile protection from accidental and incidental contact with energized lines, energized equipment and irregularly-shaped line hardware.

Manufactured and tested in accordance with ASTM D1048-22 as required by OSHA. Available with or without eyelets, slotted or unslotted, black or orange colors and in 22" x 22", 27" x 36" or 36" x 36" sizes. Class 2 Type I blankets provide a maximum working voltage 17kV (tested at 20kV) and Class 4 Type II blankets provide a maximum working voltage 36kV (tested at 40kV). DC testing is available for new and in-service blankets.



VB2-3636B

VB4-2736



Scan for more info!



## LEATHER PROTECTOR GLOVES

Crafted by leather glove specialists, these leather protectors fit properly over all industry-standard rubber insulating gloves and are available in a variety of styles and sizes to accommodate all of your electrical safety hand protection needs. They meet ASTM Standard F696-06 (2019) for construction,

design and materials used. Voltgard®

Leather Protectors are available in a full range of low- and high-voltage styles, with high-voltage styles all having Hi-Viz cuffs. Offered in gold color grain goatskin and beige water-repellent grain cowhide Voltgard® Leather Protectors are the best protectors you will ever wear!

AVAILABLE IN WATER-REPELLENT COWHIDE LEATHER BECAUSE LINEMEN WORK IN ALL KINDS OF WEATHER!



VLP-110



VLP-110S



VLP-312



Scan for more info!

# FREQUENTLY ASKED QUESTIONS

## WHAT ARE THE MINIMUM REQUIREMENTS FOR USE OF RUBBER GOODS?

OSHA, ASTM and NFPA standards require the use and testing of in-service rubber insulating equipment when even the smallest probability of contact (50 volts AC or higher) exists. Insulating gloves and sleeves are critical PPE for electrical work on or near exposed energized parts. The OSHA 29CFR 1910.269 standard requires that rubber insulating gloves along with leather protectors must be worn by 269-qualified employees within the Minimum Approach Distance to exposed energized conductors. Additionally, rubber insulating sleeves must also be worn if the upper arms or shoulders are within the Minimum Approach Distance to other exposed energized parts.

## HOW DO I DETERMINE THE RIGHT CLASS OF RUBBER INSULATING GLOVES?

### ASTM LABELLING CHART FOR RUBBER INSULATING GLOVES

CLASS	TEST AC VOLTS	MAXIMUM USE AC VOLTS	TEST DC VOLTS	MAXIMUM USE DC VOLTS	LABEL COLOR	LABEL IMAGE
00	2,500	500	10,000	750	BEIGE	
0	5,000	1,000	20,000	1,500	RED	
1	10,000	7,500	40,000	11,250	WHITE	
2	20,000	17,000	50,000	25,500	YELLOW	
3	30,000	26,500	60,000	39,750	GREEN	
4	40,000	36,000	70,000	54,000	ORANGE	

According to OSHA Regulations 29CFR 1910.137, rubber insulating gloves must be rated for the voltage to which a worker will be exposed (phase to ground or phase to phase) and marked to indicate their rating. Electrical protective gloves are categorized by the level of voltage protection they provide. Voltage protection is broken down into the following classes, and each class of gloves is clearly marked with the maximum use voltage on the permanent color-coded label.

## WHAT ARE THE TESTING INTERVALS FOR RUBBER INSULATING PRODUCTS?

All electrical protective rubber insulating products are tested by the manufacturer prior to first shipment. End users (or an end users' designee) may perform acceptance testing within the

TESTING STANDARDS FOR RUBBER INSULATING EQUIPMENT			
	6 Months	1 Year	If Damage Suspected
Gloves	Required	Required	Required
Sleeves	Recommended	Required	Required
Blankets	Recommended	Required	Required
Line Hose	Optional	Recommended	Required
Hoods	Optional	Recommended	Required
Boots	Optional	Recommended	Required

first 2 months after receipt. Rubber insulating products shall not be placed into service unless they have been tested electrically within the previous 12 months.

## WHY SHOULD I TEST MY OLD RUBBER INSULATING GLOVES WHEN I CAN JUST PURCHASE NEW GOODS?

Throwing away your rubber insulating gloves, when you can potentially retest and recertify them by a qualified test lab, is like throwing money down the drain. For example, why spend \$200 every 6 months to replace a pair of high-voltage gloves when you can test the gloves for less than 10% of that without sacrificing safety or compliance?



Phone:  
1•800•548•GARD (4273)  
+1•847•291•1600  
Fax: 1•888•548•GARD (4273)  
+1•847•291•1610  
voltgard@saf-tgard.com  
www.saf-tgard.com

© 2023 Saf-T-Gard International, Inc.

**SAF-T-GARD®**  
International, Inc.  
BRINGING WORKERS HOME SAFELY SINCE 1936