

Liberty Heat Resistant Gloves

Unique heat resistant gloves for use in Foundries, Heat Treating Departments, Molding, Casting, Steel Mills, Welding and Assembly lines etc. Durable, Pliable, Comfortable and Economical protection up to 500°F.

All gloves are full fourchette construction. The excess fourchette leather stretches out like an accordion as heat exposed finger and palm leather shrinks. This design maintains pliability and comfort.



Style 111-GL & 113-GL

2-Ply construction combines special tan leather and a full wool liner to provide momentary 500°F protection. These lightest weight designs offer the most dexterity in the Liberty series of gloves.

11 Inch 2 ply glove Style # 111-GL

13 Inch 2 ply glove Style # 113-GL



Style 211-GL & 213-GL

3-Ply construction provides 500°F protection for extended periods. Our 3-ply gloves are made with a layer of self extinguishing heat resistant fabric between the leather shell and the wool lining.

11 Inch 3 ply glove Style # 211-GL

13 Inch 3 ply glove Style # 213-GL



Style 213-DW

4-Ply construction provides similar heat protection for extended time. This is one of our most popular gloves to protect against heat associated with casting operations. The unique design of our pattern allows good dexterity even in a 4 layer system.

13 inch 4 ply glove Style # 213-DW





High Heat Gloves

GLOVE OPTIONS

	SINGLE LAYER	LEATHER REINFORCED PALM	KEVLAR® REINFORCED PALM
11" GLOVE	231-(fabric choice)	FA-231-(fabric choice)	FB-231-(fabric choice)
14" GLOVE	234-(fabric choice)	FA-234-(fabric choice)	FB-234-(fabric choice)
18" GLOVE	238-(fabric choice)	FA-238-(fabric choice)	FB-238-(fabric choice)
23" GLOVE	243-(fabric choice)	FA-243-(fabric choice)	FB-243-(fabric choice)

MITTEN OPTIONS

	SINGLE LAYER	QUILTED PALMS	DOUBLE LAYER PALMS
11" MITT	171-(fabric choice)	Q171-(fabric choice)	184-11-(fabric choice)
14" MITT	174-(fabric choice)	Q174-(fabric choice)	184-14-(fabric choice)
18" MITT	178-(fabric choice)	Q178-(fabric choice)	184-18-(fabric choice)
23" MITT	183-(fabric choice)	Q183-(fabric choice)	184-23-(fabric choice)

All gloves and mittens are available in 11", 14", 18", and 23".



22 oz. PBI® Blend

22 oz. Polybenzamidazole blend offers higher working temperatures, near fiberglass levels, with superior abrasion resistance. Fully wool lined.

Part #

- 234-PBI22** 14" Glove
- FA-234-PBI22** 14" Glove with Leather Reinforcement
- 174-PBI22** 14" Mitten
- 184-PBI22** 14" Mitten with Double Palm

Also available in 45 oz. Please call for pricing.

22 oz. Heat Blend

22 oz. Para-Aramid and fiberglass blend. 400-600°F working temperature. Abilities to resist higher temperature intermittently. Good abrasion resistance. Fully wool lined.

Part #

- 234-KV** 14" Glove **MOST POPULAR**
- FA-234-KV** 14" Glove with Leather Reinforcement
- 174-KV** 14" Mitten
- 184-KV** 14" Mitten with Double Palm



234-AKV-ZP Combo glove. 19 oz. aluminized Kevlar®-aramid fiber blend on back for up to 2000°F radiant protection. 35 oz. Zetex Plus® palm for short duration up to 1800°F. Moderate to poor abrasion resistance.



234-AZ-Z Combo glove. 35 oz. Zetex® glass on palm for short durations up to 1000°F. 25 oz. aluminized Zetex® for up to 2000°F radiant protection on back side. Moderate to poor abrasion resistance.



234-AKV-KV Combo glove. 19 oz. aluminized Kevlar®-aramid blend on back for near 2000°F radiant protection. 22 oz. Kevlar®-aramid blend palm for working temperature of 400°F-600°F and good abrasion resistance.



Gloves and Mittens

234-Z 35 oz. Zetex® fiberglass. Short durations up to 1000°F. Moderate to poor abrasion resistance.



234-ZP 35 oz. Zetex Plus® treated fiberglass. Short duration up to 1800°F. Moderate abrasion resistance.
FD-234-ZP Double layered palm gloves are recommended when working with higher heats.



234-V 36 oz. Vertex™ vermiculite coated fiberglass. Short durations up to 2000°F. Moderate abrasion resistance. (Shown with steel mesh reinforcement for better abrasion resistance. 234-V-SSM.)



234-GL 26 oz. white generic glass fabric. Short durations up to 1000°F. Poor abrasion resistance.



234-KTW 8 oz. Kevlar® twill. Working temperature of approx 500-600°F. Superior abrasion resistance. Good dexterity.



234-KT 22 oz. Kevlar® terry. Working temperature of approx. 600°F. Superior abrasion resistance.



234-PBI™ Polybenzamidazole blend available in 22 oz. or 45 oz. Higher working temperatures near fiberglass levels with superior abrasion resistance. 45 oz. PBI offers a thick barrier for longer heat duration but less dexterity.



234-MT Terry cotton "mock twist" glove for lower temperatures. Can be used as a baker's glove.



234-THL Brown thermal leather withstands premature hardening up to 500°F. Good abrasion resistance. Wool lined.



234-AKV 19 oz. aluminized Kevlar®-aramid fiber blend. Up to 2000°F radiant heat. Some sparks and molten splash. Good abrasion resistance.



234-AZ 25 oz. aluminized Zetex®. Up to 2000°F radiant heat. Some spark and splash. Moderate abrasion resistance.



234-ARH 19 oz. aluminized rayon. Up to 2000°F radiant heat. Some sparks and molten splash. Moderate abrasion resistance.



Cover Mitts

Economical slip-on glove and mitten savers. Reversible unlined cover mitts.

105-CTJ 9" closed top jumbo cover mitt. For over mittens.



105-OTJ 8" open top jumbo cover mitt. For over gloves.



WM-105-CTJ-10-V Wire mesh covered closed top Vertex™ cover mitt for over mittens. For high heat and abrasion resistance.





Domestic Welding Gloves

901-Alum Gunn cut, aluminized leather back. Wing thumb with welting. Aluminized back radiates away a percentage of heat to keep hand cooler. 14" length.



Wool Lined Welder's Glove

Welted, wool lined, Kevlar® sewn.

Part 901-CL

125-WS Gunn cut, side split cowhide. Wing thumb with welting. Cotton lined. Size large. Specify length: 14", 18" or 23".



SN-901-ALUM & SN-88 PAD

Designed for hand protection under severe heat of heavy MIG welding arc gouging, multiple passes or preheated weldments. Replaceable snap-off back pad for extended wear. SN-88 Kevlar® blend pad radiates up to 2000°F radiant heat.



WSOF-Alum One finger mitt version of our 901-ALUM. Mitten style with freed trigger finger. 14" length.



Glove Protector

88-Alum Two-ply glove protector economizes by extending the wear of your gloves, while adding protection from radiant heat and splatter.



Spark Cuff

A practical, comfortable way to keep sparks out of glove or mitten cuffs. We can attach cuff to our gloves or yours. Specify fabric. Specify glove.



Welding Beanies

640

Welding beanies for head protection from sparks. Available in leather or flame retardant cottons. Specify material and size.



Rod Holder

RH-CL

Reinforced bottom with leather loop and snap hook (rust leather).

Imported Welding Gloves



Gray Deer Skin

Insulated deer split back, unlined reverse grain leather palm. Superior dexterity and comfort. Reinforced palm. Kevlar® stitched.

Part # SA3-D



Side Split Cowhide

Heat-resistant cow split leather. Gunn pattern, wing thumb, one-piece back. Welting in vulnerable seams. Kevlar® stitched. ****Most Popular****

Part # SA3-1000



Side Split Cowhide

Reinforced thumb and palm area. Fully sock lined. Kevlar® stitched.

Part # SA3-B



Side Split Cowhide

Thumb Strap. Fully sock lined. Kevlar® stitched.

Part # SA2-R



Shoulder Split Cowhide

Fully sock lined. Fully welted seams.

Part # SA1-GY



Aluminized Back & Thumb

Reflects radiant heat. Fully sock lined. Reinforced palm. Kevlar® stitched.

Part # SA2-ALUM



18" Long

Cowhide split. Fully sock lined. Protects forearm to elbow. Velcro® strap at cuff. Reinforced palm. Kevlar® stitched.

Part # SA2-18



Jumbo Welder's

Cowhide split. Fully sock lined. Wing thumb. Fully welted. Kevlar® stitched.

Part # SA2-JMB

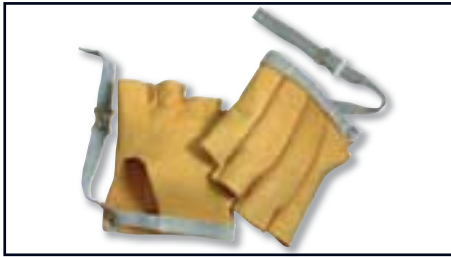


Kid Grain

Style	Size	Part #
Short 2" cuff	S-XL	TIG-KG-2
Long 4" cuff	S-XL	TIG-KG-4



Anti-Vibration & Fingerless Gloves



Cable Former's

Grain leather half gloves with adjustable wrist strap. Thumb free style. Available with or without split leather palm reinforcement.

Sizes S-XL Part #

21	Plain Palm
23	Reinforced Palm



Anti-vibration pad

Anti-vibration - reversible - curved palm and heel pad with elastic back straps. Available in grain, pig, or split leather.

One Size	Part #
SX-02	Split Leather
GX-02	Grain Leather (shown)
PX-02	Pig Leather



Fingerless Anti-vibration

Durable pig leather shell with anti-vibration palm. Tailored patterns provide unique comfort.

Size	Part #
S-XL	24SPA



Chemical Gloves

Part # 10028 Size S-XL

Petroleum Handler's or Limited Exposure glove offers a unique combination of superb liquid resistance, flame resistance, breathability, and dexterity.

Liquid Resistance is provided by the sealed barrier of EPTFE laminate that passes the NFPA Chemical Penetration Resistance Test.

Flame Resistance is provided by full outer shell made from NOMEX® fabric laminate and reinforced with fire resistant leather.

Breathability (or moisture vapor transport) is provided in all materials used in both the outer shell and barrier lining.

Dexterity is maintained by using materials that are thin, flexible and lightweight.



Benefits:

- Flame-resistant outer shell
- Heat-resistant outer shell and inner lining (500° F)
- Whole glove barrier (seams sealed on barrier lining)
- Liquid resistance to POL's (Petroleum, Oils, and Lubricants)
- Passes the NFPA 1971 chemical penetration resistance for: Sulfuric Acid, Gasoline, Hydraulic Fluid, Chlorine Solution, AFFF (Aqueous Fire Fighting Foam), Water.
- Comfortable (breathable to allow sweat vapor to escape)
- Dexterous due to the thin, flexible and lightweight materials
- Washable materials and quick dry out time compared to rubber gloves

Steel Reinforced Gloves/Mitts



Style 4" Gauntlet
Part # 1644 (shown)

Style 2" Band
Part # 1604



Style 4" Gauntlet
w/ Heavy Nylon Strips

Part # 1644-NY



Exceptionally strong because it is reinforced with steel ribbons over strips of tough leather, with thumb patch, closed with steel thread.

Part # 1681



Hand Pads Cool protection with the fit of a mitten, split leather construction. For bare hand or over thin gloves.

Part # 715 Open back, plain, no patch

Part # 717 Open back, plain patch

Part # 716 Open back, steel-stapled patch

Animal Handler's Gloves



Mink Handler's Glove

Designed in cooperation with local mink farmers. These mitts come standard with a full, heavy, split leather shell, heavy sherpa liner, and a stiff inner cuff.

Part # 001PSS



Monkey Handler's Glove

Protection for monkey handlers in primate labs, zoos, medical research facilities, and veterinarians. Steel stitched reinforced hand.

Part # 001MHG



Bird Handler's Glove

Thick pliable leather with a Kevlar® lining offers protection and mobility for bird handling.

Part # 238-FLC





Hand Protection

Fingerless Gloves & Cable Former's Gloves

Grain leather half-gloves with adjustable wrist strap.

- 21** No thumb
- 22** With thumb
- 23** Split leather patch on palm, no thumb
- 24** Split leather patch on palm and thumb with thumb



Open-Back Hand Pads, Thumb Type

Cool protection with the fit of a mitten, split leather construction. For bare hand or over thin gloves.

- 715** Plain
- 716** Steel stapled patch
- 717** Plain patch
- 27** Double leather, steel reinforcement on palm and thumb. Wool lined. Adjustable strap.



Oval Hand Pads with Slit

For handling hot, rough and abrasive materials. Available in 3 sizes, with or without steel staple reinforcement, and single-layer or multi-layered.



	Plain 1-ply	Steel Stapled 1-ply	Plain 2-ply	Steel Stapled 2-ply
7½" x 10¾"	711	S-711	2P-711	2P-SS-711
7" x 9"	707	S-707	2P-707	2P-SS-707
6" x 8½"	700	S-700	2P-700	2P-SS-700

Square Hand Pads

One layer of wool quilted between two layers of fabric, i.e. Fabric-Wool-Fabric.

Specify fabric: Kevlar®, Zetex Plus®, Zetex®, Blackflex, leather or other.

Available in 4 sizes.

- 709-6** 6" x 6" **709-10** 10" x 10"
- 709-8** 8" x 8" **709-12** 12" x 12"



Reversible Hand Pad

Split leather hand pad 6" long. Reversible style gives double life.

- 44** Plain (shown)
- SR44** Steel staple reinforced
- P44** Plain patch reinforced



Baker's Pad—Terry

8" x 12", two-ply 24 oz. terry serged (loop out) sewn around outer edges.

- BP-1** With slit
- BP-2** With 2 elastic straps (shown)



Hand Protection

Thumb Type Hand Pad

097 Grain leather pad with split leather palm and thumb patch. Elastic back strap. Steel sewn.



Reinforced Hand Pad

Split leather hand pad with palm patch. Steel sewn thumb type. Elastic back strap.

83 (shown)
J-83 Jumbo, fits over gloves



Palm Guard

Split leather palm guard. No thumb or fingers. Steel sewn. Elastic back strap.

82 (shown)
J-82 Jumbo, fits over gloves
JS-82 Jumbo, steel reinforced



Anti-Vibration

Anti-vib-Viscolas® or Sorbothane® hand and wrist protection. See price list for complete list of products.

SX-01 Reversible oval shock pad with elastic; for palm area
25 Bundler's style anti-vib guard
GX-04 Grain leather fingerless glove style anti-vib



*Sorbothane® is a plastic polymer based on propylene oxide and possesses some unique properties: It distorts readily and has retarded recovery, absorbs up to 95% of impact energy with virtually no recoil and behaves like a fluid, being capable of accepting and absorbing multi-axial and torsional stress.

Bundler's Hand Guards

Quilted leather patch over palm. Ideal protection where the free use of fingers is required. Protects against cuts and burns from handling bundles, crates, paper, and twine. Adjustable Velcro® closure standard; snap buttons available.

BHG Regular (shown)
SR-BHG Steel staple reinforced
NP-BHG No patch



**MOST
POPULAR**

Machine-Knitted Gloves

Insulating materials give protection against heat or cold. Knit wrist, reversible style. Can be worn under other gloves. Excellent dexterity. (Shown left to right)

W-100 Wool glove liner
K-100 Kevlar® for added abrasion resistance
C-100 Cotton, general purpose
K-100-PD Kevlar® with plastic dots for added grip



Glove Protector

Split leather glove saver. Use over cotton, hot mill, or leather work gloves. Extra protection for index finger, palm, and thumb. Elastic back.

84-1 One finger (shown)
84-2 Two finger—index and second





Mechflex™ Mechanic's Gloves



IMPACT-X

- Durable synthetic leather palm & fingers
- Shock-absorbing gel padded palm
- Neoprene knuckle protector
- Anti-slip palm and fingertip patches
- **Style # MX-52(size)**, available S-2XL



SYNTHETIC

- Durable synthetic leather palm & fingers
- Anti-slip palm patches
- Reinforced thumb area
- Ventilated finger walls
- **Style # MX-50(size)**, available S-2XL



GOATSKIN

- Durable goat grain leather palm and fingers
- Anti-slip palm and fingertip patches
- Leather reinforcement on thumb crotch
- **Style # MX-56(size)**, available S-2XL



GOATSKIN

- Supple goat leather palm and fingers
- Anti-slip palm patch
- Leather reinforcement on thumb crotch
- **Style # MX-55(size)**, available S-2XL



SLIP-ON

- Supple goat grain leather palm
- Easy slip-on style
- Leather reinforcement on thumb crotch
- **Style # MX-57(size)**, available S-2XL



HI-VIS

- Hi-Vis back
- Goat skin palm and fingers
- **Style # MX-80(size)**, available S-2XL



3 FINGERLESS

- Synthetic leather palm and fingers
- Anti-slip palm patch
- Leather reinforcement on thumb crotch
- **Style # MX-59(size)**, available S-2XL



WINTER

- Supple goat leather palm
- Water and wind resistant
- Reinforcement on thumb crotch
- **Style # MX-62(size)**, available S-2XL



WINTER

- Pig skin palm and fingers
- Water and wind resistant
- Reinforcement on thumb crotch
- **Style # MX-60(size)**, available S-2XL

Cold Climate/Freezer Work Driver's Gloves



DEER PALM, FLEECE BACK

Full sock insulated. Elasticized wrist.
Style: Deer Split Palm Fleece Back
Part # **CC4-DS-FB**



SUPPLE PIG GRAIN

Full sock insulated. Elasticized wrist.
Style: Pig Grain Drivers
Part # **CC4-PGD**



PIG GRAIN PALM

Full sock insulated. Knit wrist.
Style: Pig Leather Palm
Part # **CC4-PLP**



HIGH VISIBILITY

Brushed pig skin palm, reflective knuckle strap, full sock insulated, high-vis safety cuff and knit wrist.
Style: High Visibility Brushed Pig Skin
Part # **CC4-HV-BP**



DEER SPLIT LEATHER

Full sock insulated. Heavy foam lined.
Knit wrist.
Style: Deer Split Freezer Glove
Part # **FG4-DS**
Available with Latex Palm
Part # **FG4-DLTX**



REVERSE GOAT GRAIN

Full sock insulated. Heavy foam lined.
Knit wrist. Double insulated back.
Style: Reverse Goat Freezer Mitt
Part # **FG5-RG**



DOUBLE PALM

Style: Double Palm
Part # **WK-DP**



BUCK SKIN DRIVER'S

Keystone thumb, unlined, elastic back.
Style: Buck Skin S-XL
Part # **DG-BS**



COW GRAIN DRIVER'S

Durable soft-top grain. Keystone thumb, unlined, shirred elastic back.
Style: Cow Grain S-XL
Part # **DG-CG**



Rubber Insulated Lineman's Gloves

Rubber Insulated Gloves

Refer to ASTM D 120-02
Standard Specification for
Rubber Insulating Gloves
and ASTM F 496-02
Standard Specification for
In-Service Care of Insulating
Gloves and Sleeves.

How to Order

Part# LRIG-Class-Length-Size

Example: **LRIG-2-14-10**

Class 00, 0, 1, 2, 3, and 4

Length 11", 14", 16", and 18"

Size 8, 9, 10, 11, and 12

Also available in half sizes.

Max. use		
Proof-test Voltage		
Class	(A_C)	(A_C)
00	2,500	500
0	5,000	1,000
1	10,000	7,500
2	20,000	17,000
3	30,000	26,500
4	40,000	36,000



Class 0 Glove Kit

Class 0 Rubber Glove	LRIG-0-11-(size)
Leather Protector	PG-0-ADJS-(size)
Glove Bag	GB-12
COMPLETE KIT	GK-0-11-(size)

Class 2 Glove Kit

Class 2 Rubber Glove	LRIG-2-14-(size)
Leather Protector	LLPG-12-(size)
Glove Bag	GB-15
COMPLETE KIT	GK-2-14-(size)

Insulated Rubber Gloves

	11" Length	14" Length	16" Length	18" Length
Class 00	LRIG-00-11-(size)	LRIG-00-14-(size)	n/a	n/a
Class 0	LRIG-0-11-(size)	LRIG-0-14-(size)	n/a	n/a
Class 1	n/a	LRIG-1-14-(size)	LRIG-1-16-(size)	LRIG-1-18-(size)
Class 2	n/a	LRIG-2-14-(size)	LRIG-2-16-(size)	LRIG-2-18-(size)
Class 3	n/a	LRIG-3-14-(size)	LRIG-3-16-(size)	LRIG-3-18-(size)
Class 4	n/a	n/a	n/a	LRIG-4-18-(size)

Leather Protector Gloves

	10" Length	12" Length	14" Length	16" Length
Low Voltage	PG-0-ADJS	n/a	n/a	n/a
High Voltage	LLPG-10-(size)	LLPG-12-(size)	LLPG-14-(size)	LLPG-16-(size)

Leather Protector Gloves

Refer to ASTM F 696-02, Standard
Specification for Leather Protectors for Rubber
Insulating Gloves and Mittens.



Class	Length	Sizes	Part Number
Low Voltage	10"	8 thru 12	PG-0-ADJS-(size)
High Voltage	12"	8 thru 12	LLPG-12-(size)
High Voltage	14"	9 thru 12	LLPG-14-(size)
High Voltage	16"	10 thru 12	LLPG-16-(size)

Remember, ASTM specifications require a minimum distance of 1" per 10,000 volts of A-C proof test between the edge of your rubber glove cuff and the edge of your protector cuff.