



SCIENTIFIC
SALES, INC.

“A Local, Small, Minority & Woman-Owned Business”

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LEATHER GLOVE

PROVIDED BY:



Here some hand statistics from the CDC & OSHA:

If all workers, from medical to industrial and everything in between, would just wear gloves, then more than 1 million hospital emergency visits by U.S. workers per year could be avoided (according to the Centers for Disease Control and Prevention).

- Hand Injuries have cost employers over **\$740 MILLION** dollars in the US last year (lost time, settlements, etc.).
- Non-compliance of PPE hand protection is among one of the most common OSHA citations to date, costing employers on average **\$6,000** per citation.



TYPES OF LEATHER

COWHIDE

- Most common & popular type of leather used for gloves
- Moderately priced
- Durable glove with good abrasion resistance
- Warmer than pigskin or goatskin
- Stiffens when it gets wet
- More heat resistant

PIGSKIN

- Offers greatest breathability due to the porous texture of the hide
- Becomes softer with use
- Withstands moisture without becoming stiff
- Dries soft and stays flexible
- Doesn't lose its shape or function when laundered

GOATSKIN

- Strongest and most durable type of leather
- Excellent abrasion resistance
- Great for tasks that require dexterity
- Doesn't lose its shape or function when laundered
- One of the softest leathers available because of its high lanolin content

DEERSKIN

- Soft, supple, and luxurious hide
- Offers excellent dexterity, durability, and comfort
- Has high tensile strength

FEATURE	GRAIN COWHIDE	GRAIN PIGSKIN	GRAIN GOATSKIN	GRAIN DEERSKIN
Abrasion Resistance	FAIR	GOOD	GOOD	VERY GOOD
Breathability	FAIR	VERY GOOD	FAIR	FAIR
Durability	VERY GOOD	GOOD	VERY GOOD	VERY GOOD
Flexibility	GOOD	VERY GOOD	VERY GOOD	VERY GOOD
Insulation	VERY GOOD	GOOD	VERY GOOD	VERY GOOD
Puncture Resistance	GOOD	FAIR	VERY GOOD	VERY GOOD



THREE MAJOR
LEATHER GLOVE
THUMB DESIGN

The set-in thumb is sewn in as a separate piece, which improves dexterity. Ideal for applications where there is extreme wear in the thumb webbing area. Most expensive option due to extensive sewing.



STRAIGHT THUMB

Least effective as it does not allow for natural thumb motion.



WING THUMB

Allows for greater flexibility and efficiency than straight thumbs.



KEYSTONE THUMB

Designed for superior movement and maximum comfort.

CUFF STYLES



STARCHED

Two layers of fabric laminated & stiffened with starch.



DUCK CUFF

Launderable single ply cotton material.



RUBBERIZED

Bonding of cuff layers with rubber cement. Standard safety cuff 2.5".



GAUNTLET

4 – 4.5" longer cuff to provide extra protection up the wrist & arm.



KNIT

Elastic around wrist to keep dust & debris from entering glove.



SHIRRED

Helps gather the material at the wrist providing a more comfortable fit.

ARE LEATHER
GLOVES
AVAILABLE AS A
CUT GLOVE?

Yes, leather gloves can be made available as a cut glove. Modern technological advancements in cut-resistant fibers allow leather gloves to be engineered with liners made of Kevlar® or Aramid for excellent cut protection.



However, just like our skin is not naturally cut resistant, nor are animal skins. So leather gloves without a liner only offer minor protection from cuts and scrapes.

TYPES OF LININGS

- **COTTON/JERSEY:** Helps with comfort and helps prevent chaffing
- **FLEECE:** More durable than cotton and helps with warmth
- **THINSULATE/THERMAL:** Best choice for low temperatures
- **ARAMID OR KEVLAR FIBERS:** Add cut resistant protection



WHAT TYPE OF
GLOVE IS
REQUIRED FOR
WELDING?

The answer is dependent upon whether the welding environment is high heat or low heat. The higher the heat, the more insulating the glove needs to be. However, thicker gloves that protect from heat often compromise control.

- **STICK WELDING:** Produces the most heat, sparks, & splatter resulting in the need for more heat insulation. This process requires less dexterity; therefore, gloves are thicker to offer more protection from heat.
- **MIG/TIG WELDING:** Lower heat welding involves more precise types of hand motion & requires gloves with more dexterity.



PROTECTION
PERFORMANCE
& PRICE



The 3 P's of Choosing Hand Protection

Since there are many different types of gloves in the marketplace, it is important you have a good strategy for selecting the right pair for the job. Considering the glove's protective features, performance, and price will help you evaluate your selection. Plus, leading manufacturers have hand protection managers, champions, and safety experts to help you make the right choice.

Contact your SSI Representative for all your Radians Needs!



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