WELDING GUIDE VOL. 21

HEAVY

WATSON GLOVES* Quality since 1918



WHAT GOES INTO OUR GLOVES

Designs

Gunn Cut This durable design provides better wear and comfort, especially for heavier gloves. This is the standard construction for leather

gloves, featuring the benefits of a single piece seamless back and the finer seams set further away from the working area of the palm.

Clute Cut This comfortable glove style keeps the palm free of stitching. The palm and all four fingers are cut from one piece of leather and on the

back side, each finger is a separate piece of leather.

Wing Thumb The angled construction allows good flexibility with no seams on the palm side to obstruct work or cause fatigue.

Straight Thumb A glove thumb that normally lies straight with the index finger.

Welted Seams A thin piece of leather sewn into the seam to strengthen it and protect from sparks. Often a welt is used in the seam at the crotch of

the thumb and the base of the fingers.

Kevlar® Kevlar® is five times stronger than steel, yet, it is lightweight, flexible and comfortable. It is resistant to chemicals, heat, flames, cuts and

breaking. Kevlar® thread is used in many of the Watson glove styles.

Gauntlet A longer cuff to protect the forearms. Standard length is 5".

Leather Gore Triangular piece of leather added to gauntlet cuffs to accommodate covering clothing.

Thumb Strap Leather reinforcement added to the thumb crotch area of the glove to protect this critical wear area.

Pulse Protector Leather reinforcement added for protection to the inside wrist area of the glove.

Leather

Elk Hide A superior strength leather, durable and tough, yet supple. This leather maintains its softness after drying.

Deerskin This highly flexible leather is soft, but strong. It is regarded as the best leather for gloves in industries where dexterity is important, such

as arc and TIG welding.

Goatskin This premium leather is hard wearing, durable and supple because of the natural lanolin produced by goats. It is highly recommended

for applications requiring tactile sensitivity with light to medium protective needs.

Cowhide This leather strikes a good balance of durability, dexterity, abrasion resistance, and comfort. It can have a smooth or rough finish.

Full-grain The outer, smooth surface of the hide. Provides a superior wear resistance compared to split leather.

Split-grain Suede layer cut from meat side of thicker skins, a consistently durable grade leather.

Re-tan The process of tanning a second time to create a stiff, durable leather.

Aluminized A thin film of aluminum is bonded to the leather giving it a heat reflective quality.

Linings

3M Thinsulate™ Designed by 3M, Thinsulate™ is regarded as state of the art technology in insulation. The fibres are fine, making them ideal for trapping

insulating air and reflecting back the body's radiant heat. Thinsulate™ insulation provides more warmth with less bulk.

Foam Polyurethane foam core with a cotton fleece overlay, provides moderate quick drying and comfortable insulation.

Fleece A lightweight 100% cotton, combed to provide insulation and excellent dexterity.





126 Pipeliner®

Heat treated split cowhide leather, clute cut design with straight thumb, leather reinforced thumb saddle and left hand back patch, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada Size 8-13



263AW What the Buck

Split deerskin leather, clute cut design with straight thumb, leather reinforced thumb saddle, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada Size 7-13



RATINGS I TECHNOLOGIES







RATINGS I TECHNOLOGIES

525 Buckweld

Split elk hide, clute cut design with straight thumb, leather reinforced thumb saddle and left hand back patch, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada Size 8-14

525CR - ANSI A5 cut resistant liner 9525T - 3M Thinsulate™ C100 lining

9525W - Wool lining 9525 - Cotton fleece lining





525A Aluminized Welder

Split elk hide leather, heat protective aluminized cowhide back patch, clute cut design with straight thumb, leather reinforced thumb saddle, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada Size 9-13















526AW Dr. Feel Good

Full-grain reverse elk hide leather, clute cut design with straight thumb, leather reinforced thumb saddle and left hand back patch, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada

Size 8-13



RATINGS I TECHNOLOGIES

527 Steel Panther

Elk split leather palm and back, stitched with Kevlar® thread, fully wrapped leather index finger, vibration dampening gel padded palm, snug-fitting shirred elastic wrist with 4.5" gauntlet style cuff with leather gore, proudly made in our local Burnaby, BC factory

Size S-XXL

527CR - ANSI A5 cut resistant liner





HEAVY

RATINGS I TECHNOLOGIES



Durable elksplit leather back and palm, stitched with Kevlar®, elksplit leather inset thumb and pulse protector, cowsplit patch on back of hand for additional heat protection, 5 1/2" gauntlet style cuff with leather gore, snug-fitting shirred elastic wrist, proudly made in our local Burnaby, BC factory, made for a woman's hand Size S-M









Durable elksplit leather back with full-grain reverse palm, stitched with Kevlar®, cotton fleece lined back of hand, left hand leather back patch and pulse protector, gauntlet style cuff with leather gore and snug-fitting shirred elastic wrist, proudly made in our local Burnaby, BC factory

Size S-XXL

533CR - ANSI A5 cut resistant liner/ANSI HEAT 2 9533T - 3M Thinsulate™ C100 lining **HEAVY**

9533W - Wool lining













535 Buckweld

Split elk hide, One-finger mitt design with straight thumb, left hand back patch & thumb strap reinforcement, stitched with Kevlar® thread, gauntlet style cuff with leather gore, made in Canada Size 9-13



285 Buck-Tex

Split elk hide leather, gunn cut design with straight thumb, leather reinforced thumb saddle and left hand back patch, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined, made in Canada Size 9-12

*Special order only





WATSON





RATINGS I TECHNOLOGIES



Lightweight split cowhide leather palm, split cowhide and cotton fleece lined back, gunn cut design with wing thumb, 1.5" leather band seam protector, welted seams, stitched with Kevlar® thread, gauntlet style cuff with leather gore, made in Canada

Size 10-13 1034T - 3M Thinsulate™ C100 lining





1034A Aluminized Welder

Split cowhide leather, heat protective aluminized cowhide back, cotton fleece lined back, gunn cut design with wing thumb, 1.5" aluminized band seam protector, welted seams, stitched with Kevlar® thread, gauntlet style cuff with leather gore, made in Canada

Size 9-13

*Special order only 1034AT - 3M Thinsulate™ C100 lining HEAVY



RATINGS I TECHNOLOGIES











1039 Meltdown

Elksplit leather back and palm stitched with Kevlar®, cotton fleece lined back of hand, green heat treated cow split leather palm patches and pulse protector, wing thumb, extended gauntlet style cuff with wool lining, proudly made in our local Burnaby, BC factory

Size S-XXL

1039CR Cutshield™ ANSI level A5









HEAVY

2735 Mad Cow

Reversed-grain cowhide leather, clute cut design with straight thumb, back patch, leather reinforced thumb saddle and pulse protector, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined Size M-XL



RATINGS I **TECHNOLOGIES**



2752 Yellow Tail

Full-grain deerskin leather palm, split cowhide back, foam lined back, gunn cut design with wing thumb, reinforced welted seams, stitched with Kevlar® thread, gauntlet style cuff Size S-XL



RATINGS I TECHNOLOGIES



Reverse deerskin leather palm and back stitched with Kevlar® thread, clute cut design with straight thumb, cowsplit back patch on both hands and reinforced thumb saddle, 5.5" gauntlet style cuff with leather gore Size S-XXL







2754 The Hacker

Split cowhide leather, cotton fleece lined palm, gunn cut design with wing thumb, gauntlet style cuff
Size OS

HEAVY ME TAL

RATINGS I TECHNOLOGIES



2756 Pipeliner®

Split cowhide leather, cotton fleece lining, gunn cut design with wing thumb, reinforced welted seams, gauntlet style cuff Size OS

> HEAVY METAL

RATINGS I TECHNOLOGIES



2757W Fabulous Fabricator

Full-grain cowhide leather palm and index finger, cotton fleece lined palm, split cowhide back, stitched with Kevlar® thread, gunn cut design with wing thumb, pulse protector reinforcement, gauntlet style cuff, *made for a woman's hand*Size S–XL

HEAVY

RATINGS I TECHNOLOGIES



2759 Blue Steel

Split cowhide leather, cotton fleece lining, gunn cut design with wing thumb, reinforced welted seams, gauntlet style cuff Size OS

HEAVY

RATINGS I TECHNOLOGIES



2755 Tigger

Split deerskin leather, clute cut design with straight thumb, leather reinforced thumb saddle and pulse protector, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined Size S–XL

HEAVY ME TAL

RATINGS I TECHNOLOGIES



2757 Fabulous Fabricator

Full-grain cowhide leather palm and index finger, cotton fleece lined palm, split cowhide back, stitched with Kevlar® thread, gunn cut design with wing thumb, pulse protector reinforcement, gauntlet style cuff Size S–XL

HEAVY

RATINGS I TECHNOLOGIES



2758 Ram Tough Full-grain goatskin I

Full-grain goatskin leather palm, split cowhide back, gunn cut design with wing thumb, leather reinforced pulse protector, stitched with Kevlar® thread, gauntlet style cuff with leather gore, unlined Size M–XL

HEAVY

RATINGS I TECHNOLOGIES



2761 Cow Town

Premium split cowhide leather, full cotton fleece lining with foam lined back, gunn cut design with wing thumb, 1.5" leather band seam protector, reinforced welted seams, stitched with Kevlar® thread, gauntlet style cuff with leather gore Size S–XL

HEAVY ME IN





2775 Sexy Back

Full-grain cowhide leather, foam lined back, gunn cut design with straight thumb, leather reinforced thumb saddle and pulse protector, welted seams, gauntlet style cuff Size S-XL



RATINGS I TECHNOLOGIES





2780 Thrasher

Split cowhide leather stitched with Kevlar®, Cutshield™ P-aramid/steel/polyester liner, full-grain leather index finger and inset thumb, gauntlet style cuff with shirred elastic wrist Size S-XXL



RATINGS I **TECHNOLOGIES**









2782 Fired Up

Split cowhide leather stitched with Kevlar® thread, Cutshield™ P-aramid/steel/ polyester liner, full-grain leather palm, inset thumb and fingertips, gauntlet style cuff with shirred elastic wrist, made for a woman's hand Size S-M















9238 Fire Brand

Split cowhide leather, cotton fleece lining, gunn cut design with wing thumb, reinforced welted seams, stitched with Kevlar® thread, gauntlet style cuff Size OS









9238W Fire Brand

Split cowhide leather, cotton fleece lining, gunn cut design with wing thumb, reinforced welted seams, stitched with Kevlar® thread, gauntlet style cuff, made for a woman's hand Size OS













9486T Winter Welding Series

3M Thinsulate™ C100 lining, full-grain cowhide leather, gunn cut design with straight thumb, pulse protector and thumb strap reinforcement, stitched with Kevlar® thread, gauntlet style cuff with leather gore, made in Canada Size 9-13















9547 Van Goat

3M Thinsulate™ C100 lining with an additional layer of microfleece, Cutsheild™ P-aramid/polyester/steel liner, Dryhide™ water and oil resistant full-grain goatskin leather, drivers style with inset thumb, snug-fitting shirred elastic wrist, slip-on style cuff Size XXS-XXL ANSI Cut A7 - F2992-15

RATINGS I TECHNOLOGIES











3M Thinsulate™ C100 lining with an additional layer of microfleece, Cutsheild™ P-aramid/polyester/steel liner, Dryhide™ water and oil resistant full-grain goatskin leather, classic gunn cut with wing thumb, welted seams and pulse protector, snugfitting shirred elastic wrist, gauntlet style cuff with leather gore Size M-XXL











547 Van Goat

Cutsheild™ P-aramid/polyester/glass liner, Dryhide™ water and oil resistant full-grain goatskin leather, drivers style with inset thumb, snug-fitting shirred elastic wrist, slip-on style cuff Size XXS-XXL













549 Van Goat

Cutshield™ Para-aramid/steel/polyester liner, Dryhide[™] water and oil resistant full-grain goatskin leather, gunn cut, wing thumb, pulse protector, gauntlet style cuff Size M-XXL















546G Scape Goat

Hard-wearing full-grain goatskin leather offers exceptional strength and dexterity, classic gunn cut with inset thumb, gauntlet style cuff, snug-fitting shirred elastic wrist Size S-XXL









9545G Scape Goat

3M Recycled Thinsulate™ EC100 lining is made with 78% post consumer recycled materials, full-grain goatskin leather, gauntlet style cuff with leather gore, snug-fitting shirred elastic wrist

Size S-XXL

*0.6 - 500mL recycled plastic bottle is used to make one pair of gloves









OIL RESISTANT



WATER RESISTANT



FLAME RESISTANT



CUT **RESISTANT**



IMPACT RESISTANT



WOMEN'S

A GUIDE TO CONDUCTIVE LEAT RESIDENCE A GUIDE TO CONDUCTIVE A GUIDE TO CONDUCTIVE

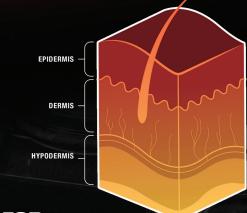
ANSI/ISEA 105-2016 is the North American classification and testing of hand protection for specific performance properties related to mechanical protection (cut, puncture, and abrasion resistance), chemical protection (permeation and degradation resistance), heat protection (ignition, heat degradation, and conductive heat resistance), vibration resistance, and dexterity.

ASTM F1060-08 is the test method used to test conductive heat resistance in gloves and PPE.

LEVELS OF BURN

Workplace burns can happen if you're not wearing the right heat resistant gloves. Burns are categorized under three levels. The higher the numerical level, the worse the burn.

- 1st degree burn this burn affects the outer layer of skin, the epidermis. Redness, swelling, and minor inflammation can occur
- 2nd degree burn this burn affects the outer and middle layers of skin, the epidermis and dermis.
 Redness, swelling, and blistering can occur
- 3rd degree burn this burn affects the deeper layers of skin. The skin can become blackened and charred, and it may become numb



STANDARD TEST METHOD FOR THERMAL PROTECTIVE PERFORMANCE OF MATERIALS FOR PROTECTIVE CLOTHING FOR HOT SURFACE CONTACT

Conductive heat resistance testing measures the insulation provided by the glove when exposed to and in contact with a hot surface. The ASTM F1060-08 test measures the time it takes a person wearing PPE to develop a second-degree burn when exposed to a certain temperature. Three aspects are taken into consideration:

- Time to second-degree burn the time it takes for a person wearing PPE to get second-degree burns when exposed to a given temperature
- Time to pain the time it takes for a person wearing PPE to feel pain when exposed to a given temperature
- Alarm time the amount of time between time to pain and time to second degree burn

The glove's conductive heat resistance is measured according to the levels listed below:

The levels are read as the highest contact temperature at which time to second-degree burn is at least 15 seconds and alarm time is at least 4 seconds. In other words, each level is the maximum temperature where you have at least 15 seconds before you get a second-degree burn and at least 4 seconds of warning for you to react to the pain and move away from the heat source.

For instance, a glove with a Level 2 rating can withstand up to 140°C/284°F for at least 15 seconds before you are injured by a second-degree burn and at least 4 seconds of warning time where you can move away from the heat and avoid any burns.

* Note: Contact heat test is only performed on the palm - does not guarantee heat resistance on back of hand

Level 0: < 80°C or 176°F Level 1: 80°C or 176°F Level 2: 140°C or 284°F Level 3: 200°C or 392°F Level 4: 260°C or 500°F Level 5: 320°C or 608°F

MARKING

The conductive heat resistant level is represented with an ANSI Shield with the appropriate rating (heat level 1-5). The following pictogram is shown on packaging and marketing material:













STORM

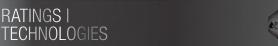




407 Storm

Dryhide™ oil resistant cowhide palm and back, stitched with Kevlar®, snug-fitting shirred elastic wrist, 3" band cuff, proudly Canadian made

407G - gauntlet style cuff Size S-XXL





9407 Storm

3M Thinsulate[™] C100 lining, Dryhide[™] water and oil resistant cowhide leather, stitched with Kevlar®, snug-fitting shirred elastic wrist, 3" band cuff, Proudly made in our local Burnaby, BC factory Size S-XXL



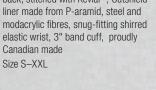






407CR Storm

Dryhide[™] oil resistant cowhide palm and back, stitched with Kevlar®, Cutshield™ liner made from P-aramid, steel and modacrylic fibres, snug-fitting shirred elastic wrist, 3" band cuff, proudly Canadian made





9407CR Storm

3M Thinsulate™ C100 lining, Dryhide™ water and oil resistant cowhide leather, stitched with Kevlar®, Cutshield™ liner made from P-aramid, steel and modacrylic fibres, snug-fitting shirred elastic wrist, 3" band cuff, proudly made in our local Burnaby, BC factory Size S-XXL









RATINGS I TECHNOLOGIES









407G Storm

Dryhide™ oil resistant cowhide palm and back, stitched with Kevlar®, snug-fitting shirred elastic wrist, gauntlet style cuff, proudly Canadian made Size S-XXL



407GCR Storm

Dryhide™ oil resistant cowhide palm and back, stitched with Kevlar®, Cutshield™ liner made from P-aramid, steel and modacrylic fibres, gauntlet style cuff, proudly Canadian made Size S-XXL







RATINGS I **TECHNOLOGIES**









9407G Storm

3M Thinsulate[™] C100 lining, Dryhide[™] oil resistant cowhide palm and back, stitched with Kevlar®, gauntlet style cuff, proudly made in our local Burnaby, BC factory Size S-XXL



9407GCR Storm

3M Thinsulate[™] C100 lining, Dryhide[™] oil resistant cowhide palm and back, Cutshield™ liner made from P-aramid, steel and modacrylic fibres, gauntlet style cuff, proudly made in our local Burnaby, BC factory Size S-XXL







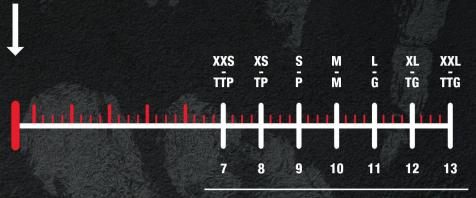






SIZING CHART

Place hand here. Align knuckle of index finger to red line.
Placez votre main ici. Alignez la jointure de votre index sur la ligne rouge.



 0 cm
 5.5 cm
 6.5 cm
 7.5 cm
 8.5 cm
 9.5 cm
 10.5 cm

 to
 to
 to
 to
 to
 to
 to

 5.5 cm
 6.5 cm
 7.5 cm
 8.5 cm
 9.5 cm
 10.5 cm
 11.5 cm

To determine the best fil

Place your right palm on the size chart with your fingers closely together.

Measure the width of your hand by aligning the knuckle of your index finger beside the red line.

Pour déterminer la bonne grandeu

Placez votre paume droite sur le tableau des grandeurs, vos doigts rapprochés. Mesurez la largeur de votre main en alignant la jointure de votre index sur la ligne rouge.

Using a rule

To determine hand size with a ruler keep fingers close together and measure the width across the knuckle region. Use the chart above to match the hand width measurement to its corresponding size (e.g. a hand measuring somewhere between 7.5 cm and 8.5 cm will require a medium size glove).

SCALE

5 cm

1 cm

If you print this chart please ensure that it is to the correct scale

Si vous imprimez ce tableau, vérifiez qu'il est à la bonne échelle

1 in



















Our Story

Watson in a Nutshell

With a century of experience, Watson Gloves is North America's single source for hand protection at work, at home, at play. Our team of glove specialists gets tremendous satisfaction from working with our customers to find the perfect hand protection for just about any task imaginable. Whether we source our gloves from the world's finest manufacturers, or hand-craft them in our local factory, every pair of gloves we sell has been selected for top-of-the-line materials, design and craftsmanship. Try on a pair of Watson gloves. Your hands will thank you!

2 Man Show to International Operation

In April 1918, John Watson and Wayne Stanley started a small business selling hand-crafted gloves to Vancouver's dock workers. Today, over 100 years later, Watson Gloves has grown across North America. We are among the country's leaders of distributing hand protection; offering the widest range of quality gloves for work, home and play.

How did we get here? We have stayed true to our founders' belief that quality materials and above-and-beyond customer service go hand-in-glove. We still make gloves. In fact, our artisans — with an average 20 years' experience — put the same level of dedication and craftsmanship into every pair of gloves we make, as did our founders.

Perhaps more importantly, we have expanded our horizons to keep up with our customers' changing needs. Our talented buyers travel the world over in search of the most innovative materials and designs so that we can offer the best gloves for any task: at work, at home, at play. From bustling cities to remote corners of our country and countries across the Atlantic, our team of sales reps and efficient distribution system make it easy to protect the hands of our customers.

At Watson Gloves, we do one thing, and we do it extremely well: we are the glove experts. Mr. Watson and Mr. Stanley would be proud to know that, even as we continue to grow, we continue to earn our reputation as Canada's single source for hand protection.

Our Commitment

At Watson Gloves, quality materials and above-and-beyond customer service go hand-in-glove. You can count on Watson for:

Quality Every pair of gloves we sell has been hand-selected for top-of-the-line materials, design, and craftsmanship.

Service with a Smile Our experienced team of specialists is committed to our customers' complete satisfaction with each and every pair of Watson gloves purchased.

Innovation We commit to staying one step ahead of our customers; anticipating their needs and bringing the most advanced gloves for just about any job imaginable.



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