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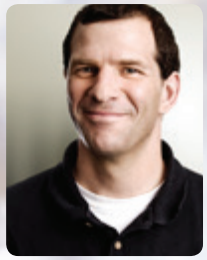
Frank Geng
CHAIRMAN

Tony Geng
PRESIDENT



Joe Geng
VICE-PRESIDENT

Welcome to Superior Glove's 2015/2016 Winter Guide.

This year, we don't want you to suffer through the winter, survive the cold, or even endure the elements. We want you to ESCAPE WINTER.

Cold weather isn't fun for work. (Sometimes it's hardly fun for play!)

As Canadians, we know a little something about cold weather, snow, sleet, freezing rain, cold hands and numb fingertips. And you know what? We're getting a little sick of it.

We know the current designs on the market for winter work gloves just aren't good enough – and frankly, some of our own designs fell into that category. So what did we do? We started from scratch. **We redesigned what the winter work glove should look like.** And then, we went to the best: 3M Thinsulate™ and completely revamped the way we look at insulation and the way we incorporate it into glove design.

What do you get? Glove solutions that work in the elements. In mild to moderate temperatures and environments all the way to tundra-awful cold. What does that mean? You can work longer. You can work faster. You can feel better.

So have a look, see what your options are and find out what it can be like to have warm hands in the heart of winter.

If you're not sure what to try or if there's a problem you can't solve, give us a call at 1-800-265-7617 or email customerservice@superiorglove.com.

We'll find the solution.

'Cause Baby, it's Cold Outside!'

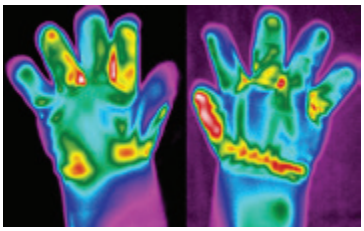
PRODUCT TESTING

"On-the-job" testing is expensive, time consuming and rarely accurate due to psychological biases. In answer to these problems, Superior has developed its own In-House Glove Testing Lab. Using state-of-the-art digital testing equipment, we can provide you with objective hard numbers on the abrasion resistance, cut resistance, thermal insulation, impact and puncture resistance data for any glove. We also use this valuable information to design advanced gloves that balance the most effective combination of cut and abrasion resistance for any job.

HOW WE TEST OUR WINTER GLOVES

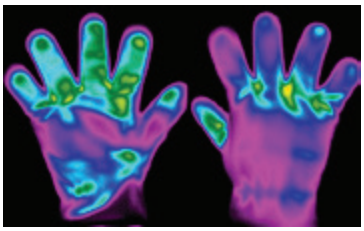
- Most technologically advanced glove testing temperature chamber: metal hand form is wired with sensors and heated internally to 98.6°F (37°C) to mimic the human hand
- Replicates performance of winter gloves under humidity, wind chills, and extreme temperatures (down to -40°F)
- Tiny pores on metal hand simulate "sweating" to allow us to control flow of moisture
- Extensive testing and rating systems enable us to to minimize glove thickness and maximize warmth and dexterity to protect hands against harshest conditions

Superior Glove uses thermal imaging to show the weak spots of glove construction, and make improvements.



This glove from a different manufacturer shows a similar style glove, but with some manufacturing issues. Note the parts of the glove with heat loss (the red and yellow areas). There is a major problem on the thumb. The red portion on the back of the thumb suggests a very thin spot on the lining. (Brrrr...!)

RED and **YELLOW** are danger zones for heatloss.



This picture shows a very well designed and constructed glove with a high insulation value. The glove shows up as almost all purples and blues, with NO reds and very little yellow. So no thin spots in the lining, and the glove is well sewn and constructed.

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-20°C
(-4°F)

NEW

3M Thinsulate INSULATION

ENDURA®

#365DLX2DT M - XL

- Heavyweight 3-1/2 oz. grain horsehide leather
- Water, oil, and stain-repellent properties
- 2" cuff with retro-reflective silver strips
- Deluxe G200 Thinsulate™ lined
- Sewn with Kevlar® thread for extra seam strength

Industry: Utilities, Construction

-10°C
(14°F)

3M Thinsulate INSULATION

ENDURA®

#365DLX2TL M - 2XL

- Heavyweight 3-1/2 oz. grain horsehide leather
- Water, oil, and stain-repellent properties
- 2" cuff with retro-reflective silver strips
- Fully Thinsulate™ lined
- Sewn with Kevlar® thread for extra seam strength

Industry: Utilities, Construction

-20°C
(-4°F)

NEW

3M Thinsulate INSULATION

ENDURA®

#365DLXDTL M - XL

- Deluxe, heavyweight 3-1/2 oz. grain horsehide leather
- Water, oil, and stain-repellent properties
- 6" cuff with retro-reflective silver strips
- Fully G200 Thinsulate™ lined
- Sewn with Kevlar® thread for extra seam strength

Industry: Utilities, Construction

ENDURA®

#365DLXFTL M - 2XL

- Heavyweight 3-1/2 oz. grain horsehide leather
- Water, oil, and stain-repellent properties
- 6" cuff with retro-reflective silver strips
- Fully Thinsulate™ lined
- Sewn with Kevlar® thread for extra seam strength

Industry: Utilities, Construction

-10°C (14°F)

3M Thinsulate INSULATION

ENDURA®

#361DLXFTL (One-finger mitt) M - XL

- Heavyweight 3-1/2 oz. grain horsehide leather
- Water, oil, and stain-repellent properties
- 6" cuff with retro-reflective silver strips
- Fully Thinsulate™ lined
- Sewn with Kevlar® thread for extra seam strength

Industry: Utilities, Construction

-20°C (-4°F)

Made with DUPONT Kevlar

3M Thinsulate INSULATION

ENDURA® / CUT RESISTANT

#399GKGTL5 S - 2XL

- High tensile strength goatskin
- Extended gauntlet cuff
- Cut resistant ASTM 4 Kevlar® lining
- Fully Thinsulate™ lined

Industry: Construction, Steel Plants, Oil and Gas

ASTM ANSI CUT LEVEL 4

1650 grams of cut protection.

-10°C (14°F)

3M Thinsulate INSULATION

3M and Thinsulate are trademarks of 3M™

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

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-15°C
(5°F)

3M Thinsulate Insulation

3M Scotchlite Reflective Material

ENDURA®

#378GHVTL S - 2XL

- Hi-viz yellow backs with 3M Scotchlite™ retro-reflective stripes
- Backs are elasticized
- Fully Thinsulate™ lined

Industry: Road/Highway Repair, Forklift Drivers, Truck Drivers, Construction, General Maintenance, Material Handling

-15°C
(5°F)

3M Thinsulate Insulation

WATER-TITE

CLUTCH GEAR®

#MXHVTWT M - 2XL

- Breathable waterproof Enprotex® lining
- Hi-viz lime green backs feature reflective strip
- Fully Thinsulate™ lined

Industry: Oil and Gas, Mechanics, Outdoor Construction, Material Handling

CLUTCH GEAR®

#MXBUFL XS - 2XL

- Exo-Tekt water-repellent micro-suede palms are supple, flexible, strong and breathable
- Fully fleece-lined
- High functioning and form fitting
- Adjustable Velcro® tab closure keep gloves snugly in place

Industry: Construction, Maintenance, Material Handling, Assembly Work, Truck Drivers

-10°C
(14°F)

CLUTCH GEAR®

#MXGDFL M - XL

- Premium quality grain deerskin for ultimate fit
- Padded black stretch nylon back and elasticized cuff
- Winter-lined with laminated foam
- Adjustable Velcro® tab closure

Industry: Construction, Maintenance, Material Handling, Assembly Work, Truck Drivers

-10°C
(14°F)

CLUTCH GEAR®

#378PLFL XS - 2XL

- Synthetic leather; performs better in cold
- Elastic backs for snug fit
- Neoprene knuckles protect against knocks
- 2 mm foam laminate lining

Industry: Construction, Maintenance

-10°C
(14°F)

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THE SCIENCE OF WARMTH 101

Simple tips to combat the cold with 3M™ Thinsulate™ Insulation

Low temperatures typically mean bundling up with large sweaters and bulky jackets or spending less time enjoying the outdoors. But while it's common to assume that thicker garments equal greater comfort and protection from frigid temperatures, it's important to look deeper into the science of warmth before deciding what to wear when venturing out into the cold.

As an industry leader in warmth technology, 3M recognizes the nuances of heat and understands how advanced technologies can combat the cold and protect the body against the elements. Here is a quick guide to understanding warmth and how 3M™ Thinsulate™ Insulation is the right choice to keep you warm:

HOW DOES YOUR BODY USE AND LOSE HEAT?

When thinking about heat loss, it is important to remember that heat loss is affected by:

- Body temperature
- Activity Level
- Outside air temperature and wind speed
- Distances between the insulation fibers
- Thickness of insulation
- Fiber size

The insulation required by an individual to maintain comfort is markedly affected by activity level. This factor must be considered when choosing a garment for a particular activity.

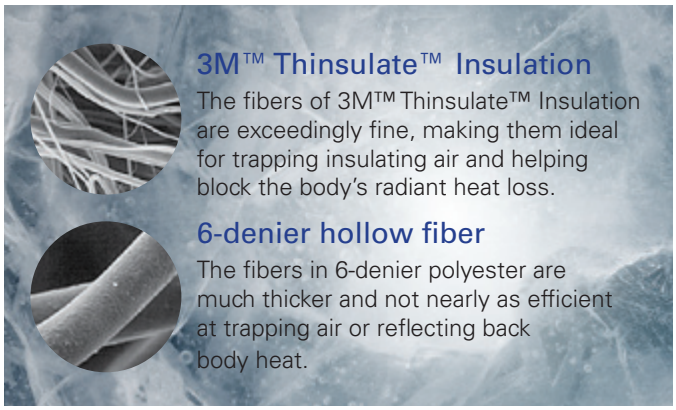
WHAT IS THE BEST WAY TO STAY WARM?

Thermal comfort is achieved by balancing three factors:

- Rate of heat production by your body
- Insulation value of your clothing (clo)
- Environmental temperature

Of those three, it's easiest to alter the insulation value of your clothing. To do this, we need to understand how, insulation works. First, insulation traps air. The more air trapped, the more efficient the insulation. Second, insulation helps block the body's radiant heat loss.

The unique microfibers of Thinsulate insulation are up to about 5 times smaller than the fibers of many other common synthetic insulations, which means they're much more efficient at trapping air and more effective at keeping you warm – all while reducing the bulk of the garment.



WHAT ARE THE BEST OPTIONS WHEN LOOKING FOR APPAREL TO KEEP ME WARM?

When compared to other insulations of equal thickness, Thinsulate insulation provides about 1-½ times the warmth of down and up to twice the warmth of other high-loft insulations. In addition, it's hypoallergenic, odorless, breathable, durable and easily dried, which makes it a simple choice.

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3M™ Thinsulate™ Insulation

[Trusted Warmth]

Trusted warmth is the core of Thinsulate insulation. Everyday products are identified by the traditional black hang tag that has helped make Thinsulate insulation the most recognized brand in its category worldwide.

-25°C
(-13°F)

ENDURA® / CUT RESISTANT

#378GKGDT S - 2XL

- Kevlar® and composite filament fiber lining
- Water and oil repellent
- Assortment of specially selected and positioned Thinsulate™ materials to provide exceptional warmth while maintaining mobility

Industry: Metal Handling, Construction, Steel Plants, Oil and Gas

ASTM ANSI CUT LEVEL 4

1650 grams of cut protection.

-15°C
(-5°F)

ENDURA® / CUT RESISTANT

#378GOBTKL S - XL

- High tensile strength goatskin with Oilbloc™ and Waterstop™
- Cut-resistant Kevlar® lining
- Fully Thinsulate™ lined
- Impressive, level 4 arc-flash resistant

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, General Material Handling, Mining

ASTM ANSI CUT LEVEL 4 | 4 ARC FLASH RATING

1800 grams of cut protection.

-10°C
(14°F)

ENDURA® / CUT RESISTANT

#378GKGTL S - 2XL

- High tensile-strength goatskin provides outstanding abrasion resistance
- ASTM cut-level 4 thanks to blended Kevlar®/composite filament fiber lining
- Thinsulate™ lining for great warmth without bulk

Industry: Oil and Gas, Material Handling, Construction

ASTM ANSI CUT LEVEL 4

1650 grams of cut protection.

ENDURA®

#378GOBDTK XS - 3XL

- Deluxe G200 Thinsulate™ lining for great warmth without the bulk
- High tensile strength goatskin with Oilbloc™ and Waterstop™
- Assortment of specially selected and positioned Thinsulate™ at finger tips for added warmth
- Oilbloc™-treated surface repels oil and liquids
- Turtleneck acrylic knitwrist to lock out the cold

Industry: Construction, General Material Handling, Mining, Petro-Chemical, Refrigerated Warehouses

-30°C
(-22°F)

3M Thinsulate INSULATION

ENDURA®

#378GOBTL XS - 2XL

- High tensile strength goatskin with Oilbloc™ and Waterstop™
- Fully Thinsulate™ lined
- Driver style slips on easily and has elastic backs for snug fit

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, General Material Handling

-15°C
(5°F)

3M Thinsulate INSULATION

ENDURA®

#378GKTTL XS - 2XL

- High tensile strength goatskin
- Fully Thinsulate™ lined
- Brushed jersey-fleece interior
- Keystone thumb for better durability

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, General Material Handling

-15°C
(5°F)

3M Thinsulate INSULATION

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-10°C
(14°F)

DEXTERITY®

#TKYLX M - XL

- Looped-pile construction traps air
- High-visibility neon yellow
- Dipped in a unique latex crinkle finish
- Highly insulating; an excellent choice for outdoor workers

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, General Material Handling, Mining

ASTM ANSI PUNCTURE 3 | ASTM ANSI ABRASION 2

-5°C
(23°F)

DEXTERITY®

#SNTAPVC M - 2XL

- PVC coating with micropores
- Fleece lining is soft and warm
- Enhanced protection against abrasion
- Good dexterity for a glove this warm

Industry: Commercial Fisheries, Agriculture, Construction, Utilities, Cold Storage Facilities

ASTM ANSI PUNCTURE 2 | ASTM ANSI ABRASION 3

-5°C
(23°F)

DEXTERITY® / CUT RESISTANT

#SBKFGFNVB S - XL

- Composite filament fiber wrapped with Kevlar® fiber
- Thermo plastic rubber on back of hands
- Soft winter lining ensures hands stay warm and dry
- Foam nitrile palm coating

Industry: Oil and Gas, Mechanical, Construction

ASTM ANSI CUT LEVEL 4 | ASTM ANSI ABRASION 3

2400 grams of cut protection.

Made with DUPONT Kevlar

EMERALD CX®/ CUT RESISTANT

#SCXTAPVC M - 2XL

- 13-gauge blended Kevlar®/steel string knit
- Lined in warm and comfortable acrylic terry
- Palms are coated in a crinkle-grip PVC

Industry: Cold Storage Facilities, Construction, Agriculture, Utilities

ASTM ANSI CUT LEVEL 4 | ASTM ANSI PUNCTURE 2 | ASTM ANSI ABRASION 3

2800 grams of cut protection.

-10°C (14°F)

Made with DUPONT Kevlar

EN388 4542 | EN511 12X

TENACTIV® / CUT RESISTANT

#STAGFCFNVL 7 - 10

- Great protection from sharp materials and machinery
- Full nitrile coating protects against oils and solvents with added water resistance
- Full winter fleece lining
- Velcro® wrist tab locks out cold

Industry: Construction, Fisheries, Cold Storage, Food Processing

ASTM ANSI CUT LEVEL 3

1370 grams of cut protection.

NEW

0°C (32°F)

SUPERIOR®

#S13CPWH (White glove liner) S - XL
#S13CPBW (Grey glove liner) S - XL

- Made with ComFortrel® breathable, low piling fiber
- Gloves wick perspiration away from the skin
- Resistant to shrinkage, has superb shape retention, even after washing
- Hand to hand reversible

Industry: Cold Storage Facilities, Construction Agriculture, Poultry/Beef/Pork Processing

5°C (41°F)

Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

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NORTH SEA™

#N230FL (Gauntlet cuff) **S - 2XL**

#N230FLK (Knitwrist turtleneck cuff) **S - XL**

- Cold resistant nitrile formulation, ultra soft and flexible
- Textured surface for superior wet/dry grip
- 1" gauntlet cuffs
- Fully fleece lined

Industry: Fisheries, Petro-Chemical Refining, Ideal for Cold Temperatures

N230FL

N230FLK

-15°C
(5°F)

ENDURA® / CUT RESISTANT

#378KGTVB S - 3XL

- TPR anti-impact backing
- Padded palm for vibration dampening
- Kevlar® and composite filament fiber lining
- Water and oil repellent
- Special combinations of Thinsulate™ lining

Industry: Metal Handling, Construction, Steel Plants, Oil and Gas

ASTM ANSI CUT LEVEL 4

1800 grams of cut protection.

-5°C
(23°F)

CLUTCH GEAR®

#MXVSBWFL S - 2XL

- Specially placed thermo-plastic rubber pads
- PVC Sure Grip® palm patches
- Includes a special waterproof membrane technology for edded stay-dry comfort
- Two-inch neoprene cuffs

Industry: Mechanics, Assembly Work, Construction, Material, Handling, Mining, Petro-Chemical, Refrigerated Warehouses

TESTIMONIAL

"We are extremely pleased with the field support, training and the value Superior Glove brings to our end users."

Gloria G. (Product Manager -Safety, IDG-Industrial Distribution Group)

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Kevlar® is a registered trademark of E.I. du Pont de Nemours and Company.

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66BRBOAWT

-5°C
(23°F)

66BFTLWT

3M Thinsulate INSULATION

WATER-TITE

ENDURA®

#66BFTLWT (Thinsulate™ lined) L - XL
#66BRBOAWT (BOA Lined) L

- Endura® split-cowhide palms, fingertips and knuckle strap
- Polyurethane layer provides complete waterproof protection
- 2.5" (7cm) safety cuff for wrist protection

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

-20°C
(-4°F)

3M Thinsulate INSULATION

ENDURA®

#66BFTL L

- Endura® split-cowhide palms, fingertips and knuckle strap
- 2.5" (7cm) safety cuff for wrist protection
- Fully Thinsulate™ lined

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

-5°C
(23°F)

ENDURA®

#66BRF Ladies(66BLRFL) L

- Endura® supple split-leather
- Full laminated red foam liner
- 2.5" (7cm) safety cuff for wrist protection
- Leather tipped fingertips and knuckle strap

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

ENDURA®

#76BRF L

- Endura® supple top-grain cowhide leather
- Fully winter-lined; laminated foam
- 2.5" (7cm) safety cuff for wrist protection
- Leather fingertips and knuckle strap

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

-5°C
(23°F)

ENDURA®

#76YBDFL L

- Endura® supple top-grain cowhide leather
- Fully winter-lined; cotton flannel
- 2.5" (7cm) safety cuff for wrist protection
- Leather fingertips and knuckle strap

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

-5°C
(23°F)

ENDURA®

#66BRBOA L - XL

- Endura® split-cowhide palms, fingertips and knuckle strap
- 2.5" (7cm) safety cuff for wrist protection
- Fully BOA fleece lined

Industry: Maintenance, Construction, Agriculture, Ranching, Forestry/Lumber, Refrigerated Warehouses

-15°C
(5°F)

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NEW

3M Thinsulate INSULATION

-45°C
(-49°F)

SNOWFORCE™

#SNOWD388V M - XL

- Deluxe, waterproof and windproof winter glove
- Synthetic palm for flexibility and long wear
- G200 Thinsulate™ lined for warmth
- Anti-slip PVC palm patches in critical palm and fingertip areas
- Porelle™ Ski-Dri2 waterproof, breathable inserts that lock out water and wind

Industry: Agriculture, Ranching, Forestry/Lumber, Construction, Cold Storage

NEW

3M Thinsulate INSULATION

-30°C
(-22°F)

SNOWFORCE™

#SNOW388V M - XL

- Waterproof and windproof
- Synthetic palm for flexibility and long wear
- Fully Thinsulate™ lined for warmth
- Anti-slip PVC palm patches on palm and fingertips
- Porelle™ Ski-Dri2 waterproof, breathable inserts that lock out water and wind

Industry: Agriculture, Ranching, Forestry/Lumber, Construction, Cold Storage

NEW

-10°C
(14°F)

SNOWFORCE™

#SNOWPU M - 2XL

- Waterproof and windproof
- Synthetic polyurethane palm for greater grip and dexterity
- Fleece-lined for warmth
- Turtleneck knitwrist keeps cold and snow out

Industry: Construction, General Material Handling, Cold Storage

SNOWFORCE™

#SNOWD200 L

- Mitts are designed for cold (Canadian) arctic winters
- Easily removable Temperloc™ lining velcros into place, and removes easily for drying
- 6.5" long double layer nylon gauntlet cuffs that are extra wide to fit over snowmobile suit or parka cuffs
- Removable BOA pile wiper/cheek warmer
- G200 Thinsulate™ lined for warmth

Industry: Snowmobiling, Construction, Cold Storage

-45°C (-49°F)

NEW

Thinsulate INSULATION

SNOWFORCE™

#SNOW385 L

- Deluxe, buffalo leather winter gloves
- Pocket on back with zipper also doubles as a cooling vent
- Thinsulate™ C100 lining on palm and even warmer G200 lining on the back
- Shock cord at cuff edge to cinch guantlet over a winter parka or jacket

Industry: Snowmobiling, Construction, Cold Storage

-25°C (-13°F)

NEW

Thinsulate INSULATION

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-5°C
(23°F)

ENDURA®

#378AFL S - XL

- Grain cowhide offers great protection against abrasion while repelling water and conforming to hands over time
- Elasticized backs
- Full fleece liner for warmth

Industry: Truck Drivers, Construction, Farming/Ranching, Agriculture

-5°C
(23°F)

ENDURA®

#378CFL S - 3XL

- Grain cowhide offers great protection against abrasion while repelling water and conforming to hands over time
- Domed snaps at back of hand for adjustable comfort
- Full fleece liner for warmth

Industry: Truck Drivers, Construction, Farming/Ranching, Agriculture

-25°C
(-13°F)

3M Thinsulate INSULATION

SNOWFORCE™

#678AFTLK XL

- Constructed of durable cowsplit leather; protects against scrapes and abrasion
- Double palm and thumb patch for increased wear
- C100 Thinsulate™ and foam lined
- Extra long cuff seals in warmth
- Flexible in subzero temperatures

Industry: Refrigerated Warehouses, Construction, Agriculture, Material Handling

ENDURA®

#304BOA L

- Durable winter cowgrain mitt fully acrylic-pile lined
- Cowgrain resists abrasion, provides some water repellency
- Slip-on style mitt for easy on and off
- Elasticized at front of wrist for snug fit, keeps warmth in and cold and snow out

Industry: Cold Storage, Warehouse, Snowmobiling /Recreation, Construction, Agricultural, General Purpose for Cold-Weather

-35°C
(-31°F)

CLUTCH GEAR®

#378BDFTL

Mens **S - 2XL**
Ladies **S - L**

- Dress glove pattern
- Grain deerskin leather
- Palm and back of the cuff are elasticized
- Fully C40 Thinsulate™ lined

Industry: Law Enforcement

-10°C
(14°F)

3M Thinsulate INSULATION

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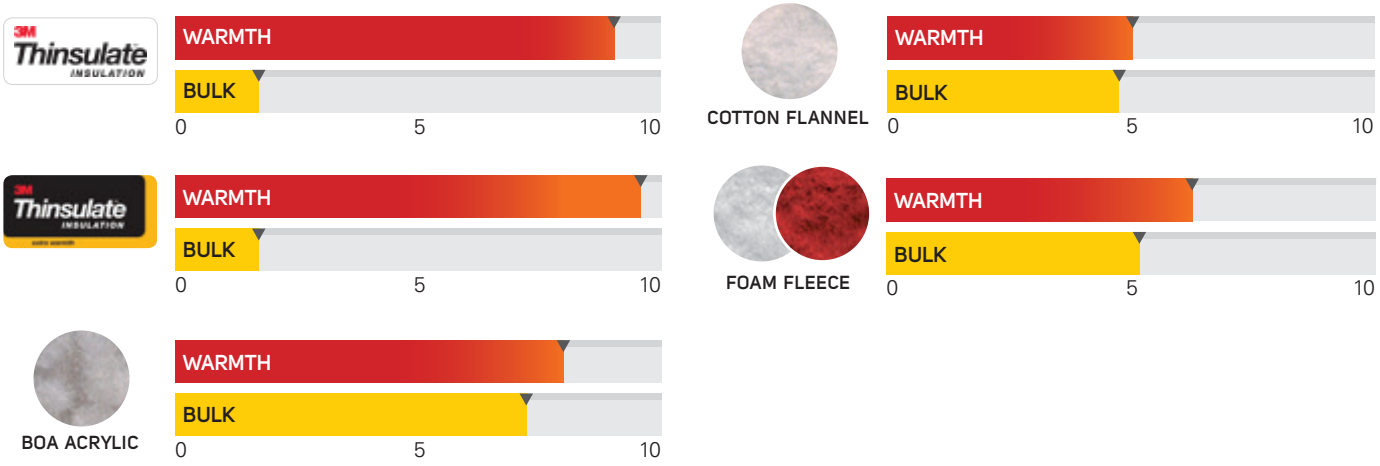
GLOVE CHARACTERISTICS

Evaluate the ratings below to see what each level of insulation provides when it comes to warmth and dexterity.



APPLICATION SYMBOLS

Use these symbols as a quick reference for the key benefits of each glove.

WINTER LINED

GREAT GRIP

IMPACT RESISTANT

CUT RESISTANT

DEXTERITY

WATERPROOF

OIL RESISTANT

CHEMICAL RESISTANT

HI-VIZ

PUNCTURE RESISTANT

TOUCHSCREEN COMPATIBLE

UTILITY

LAUNDERABLE

ABRASION RESISTANT

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READ WHAT OTHER CUSTOMERS ARE SAYING ABOUT SUPERIOR GLOVE

Because we create gloves and protective solutions with our customers in mind, we are able to make you more money, make you safer, and make your job easier.

Don't take it from us - see what our customers have to say!

Chris C.
Development Manager, Commercial Solutions

"We've chosen them as one of our top-tier suppliers because of the product they have and the representation... they have what we need."

J. Wade
Dynapower Company LLC

"We do know one thing, Superior Glove has the best service department, and we hope to do business with you because we know we feel valued, and are sure we will be well taken care of."

Bryan G.
Store Manager, Safety Station

"We have been extremely satisfied with not only the support we get from Superior Glove, but also the quality and array of products that they offer. They are never more than a phone call away to answer all technical questions and attend to every detail of our inquiries. With our rep and Superior on our side we look forward to a very long and prosperous relationship."

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Superior Distributor:

*superior*glove.com
1.800.265.7617

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