HAND AND ARM PROTECTION GUIDE

WELLS LAMONT
Industrial













WELLS LAMONT
Industrial

contents

about us

Wells Lamont began manufacturing gloves in 1907 and continues to be **a leader in today's glove industry.** We have developed technical leadership in cut resistant, leather and heat resistant hand protection that is supported by numerous patents and proprietary manufacturing processes. Our organization is dedicated to providing superior quality, innovative engineering, and responsive service to our customers.

Wells Lamont Industrial is driven to provide unequalled technology, service and support to both safety distributors and final users. We leverage our unique assets for cut and heat resistant gloves, critical environment gloves and leather products to bring high quality and innovative designs to market.

Our company places an emphasis on the **"value added benefits"** of our products. The "value added benefits" of purchasing Wells Lamont Industrial gloves include: control of quality, design technology, customer service and support. **We are the only glove manufacturer in the US to upwind our own yarns and knit them into cut-resistant gloves.** We are continually creating and improving products for specific applications and niche markets. We utilize our patented **Whizard® Cut Resistant** technology in our cut resistant gloves. Whizard® is renowned for its superior cut resistant capabilities and is considered the number one cut resistant product on the market.

Innovative technologies and knowledgeable staff keep the Wells Lamont Industrial name at the helm of today's glove manufacturing industry. Wells Lamont's dedicated staff understands the importance of maintaining a good working relationship with our customers. Not only do we stand behind our products' quality and performance, we offer a series of educational and sales collateral support. Wells Lamont Industrial has an extensive network of sales representatives that span across the U.S., making it easier for our trained staff to assess the needs of our customers.

Wells Lamont Industrial will continue to provide superior quality to our customers. Our comprehensive glove line includes leather, cut resistant, MechPro®, critical environment, heat resistant, palm dip, liquid/chemical resistant and general purpose gloves. The bottom line is Wells Lamont Industrial is dedicated to protecting the hands that greet others. We will continue to expand on the industry precedents set by **W.O. Wells over 100 years ago** to bring our customers superior quality, innovative engineering and responsive service.

WELLS LAMONT
Industrial

whizard cut resistant

Cut resistance is a function of a glove's material composition and thickness. Increased cut protection can be achieved with: increased material weight (ounces per square yard), use of high performance fibers (Spectra®, Kevlar®, Vectran®), and use of composite yarns made with varying combinations of stainless steel, fiberglass and high performance materials.

Cut resistant gloves come in various fabrics offering different levels of cut resistance. Cut performance tests indicate that metal mesh offers the highest level of cut resistance followed by composite yarns and high strength fibers. It is important to consider each application's specific requirements when choosing a glove. You can count on the experts at Wells Lamont Industrial for information and guidance.

Cut Resistance Testing

Wells Lamont Industrial tests cut resistant gloves according to standards established by the American Society for Testing Materials (ASTM). The ASTM testing procedures for fabric cut resistant gloves (F-2992-15) compare the cut resistance of a material by measuring the force (load) required to cut fabric with one inch of sharp blade travel. The testing protocol established by ASTM is widely accepted in the industry and is used by Wells Lamont Industrial when testing our own products, as well as competitors' products. In addition, we test cut resistant gloves under actual field conditions to ensure that our products meet the full range of requirements.

Whizard®: The Original Cut Resistant Glove

First introduced in the 1970's, Whizard® cut resistant gloves and armguards offer multiple levels of cut protection. Patented glove technology combines high performance fibers with stainless steel to deliver superior cut resistance. With infinite construction options, these yarns offer a wide range of cut resistance, comfort and value. Our heavy duty gloves provide the best cut protection, while our light weight gloves give the most flexibility, still providing resistance from cuts and lacerations. All Whizard® gloves are prewashed for minimal shrinkage.

Glove Overedge Colors:

XXS	XS	S	M	L	XL

Many of the products in this section have been manufactured in Philadelphia, Mississippi in accordance with the standard set for ISO 9001:2015.

Quality Certification Bureau Inc.

contents

Whizard® Metal Mesh:
Ergonomically designed hand protection

Our double interlocked metal mesh is formed using state-of-the-art micro plasma welding techniques which result in a stronger, smoother, hermetically sealed ring connections that have no gaps or weak spots. No gaps mean a longer wear life and a lowered risk of contamination.

- Stainless steel, ergonomically designed gloves provide superior cut and puncture protection
- Patented self-adjusting tensioning system on wrist allows for an easy fit with no straps or buckles to fasten
- All Whizard® mesh gloves come with a metal serial number tag, which helps with reissuance and sizing information
- Micro plasma welded rings have no gaps to trap soil that can feed bacterial growth
- Made with 4mm ring using 0.5mm wire
- Available in hand glove, 2" cuff & 7½" cuff
- Available in sizes XS-XXL
- Ambidextrous – turn inside out for the other hand
- Easy to clean
- Repair service is available to extend the life of the glove. For authorized repair center call 800-247-3295.
- Sold by the piece

Hand Glove

7.5" Cuff

2" Cuff

ABOVE: Hermetically sealed micro plasma weld. **LEFT:** Resistance welded mesh rings with visible gaps and weak spots.

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

Hand Glove

XXS	CM030000
XS	CM030001
S	CM030002
M	CM030003
L	CM030004
XL	CM030005
XXL	CM030006

2" Cuff

XXS	CM030500
XS	CM030501
S	CM030502
M	CM030503
L	CM030504
XL	CM030505
XXL	CM030506

7.5" Cuff

XXS	N/A
XS	CM031901
S	CM031902
M	CM031903
L	CM031904
XL	CM031905
XXL	CM031906

Handguard II®

Handguard II®

Heavy Duty Slipguard "B" Pattern with Extended Cuff

Heavy Duty Slipguard "Standard" Pattern with Armguard

Whizard Handguard II® & Heavy Duty Slipguard:

The "Original" Cut Resistant Glove

Whizard® pioneering technology has produced advanced, technically superior, patented cut resistant fiber combinations. The Whizard® Handguard II® is the original cut resistant glove. The Heavy Duty Slipguard is based on the Handguard II® construction with a polyurethane grip pattern.

Handguard II

- Heavy duty knit cut resistant glove
- Combination of ultra high strength fibers and stainless steel provides exceptional protection against cuts and slashes
- 3" cuff for wrist protection
- CFR 21 – approved for food contact
- For use in material handling; meat, poultry and seafood processing
- Available in white and gray
- Ambidextrous
- ANSI Cut Level A7
- Prewashed, preshrunk
- Sold by the piece

Heavy Duty Slipguard

- Provides cut and slip protection
- Industry leading Handguard II construction with polyurethane (p/u) grip pattern; also available in a "B" pattern
- Standard pattern is ideal for use in plastic's trimming, while the unique "B" pattern in the palm is ideal for slabbing
- ANSI Cut Level A8
- Prewashed, preshrunk
- Sold by the piece

Handguard II

Size	White	Gray
XXS	134147	134851
XS	333019	134852
S	333021	134853
M	333023	134854
L	333025	134855
XL	333027	134856

Heavy Duty Slipguard "Standard" Pattern

Size	Standard Cuff Left	Standard Cuff Right
XXS	134156	134157
XS	133787	133788
S	133791	133792
M	133795	133796
L	133799	133800
XL	133803	133804

Heavy Duty Slipguard "B" Pattern

Size	6" Ext. Cuff Left	6" Ext. Cuff Right
S	133903	133904
M	133907	133908
L	133911	133912
XL	133915	133916

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

Knifehandler® & Silver Talon®: *Excellent Cut Protection*

By enhancing yarn construction and manufacturing processes, Whizard® Knifehandler offers an increased level cut resistance and dexterity.

Knifehandler®

- Patented combination of high performance fibers and stainless steel that provides exceptional protection against cuts and slashes
- CFR 21 – approved for food contact
- For use in material handling; meat, poultry and seafood processing; and food service
- Ambidextrous
- ANSI Cut Level A9
- Prewashed, preshrunk
- Sold by the piece

Silver Talon

- Patented yarn composition of high performance fibers and stainless steel provides exceptional protection against cuts and slashes
- Unmatched combination of cut resistance, dexterity and durability
- Unique colored cuff is highly visible
- CFR 21 – approved for food contact
- Ambidextrous
- ANSI Cut Level A6
- Sold by the piece

Silver Talon with Grip Pattern

- Based on Silver Talon® construction
- Silver fibers conceal stains
- Polyurethane pattern provides a sure, strong grip that ensures longer wear life
- Added grip in reinforcement area
- ANSI Cut Level A6
- Sold by the piece

Gray Knifehandler

White Knifehandler

Silver Talon with Grip Pattern

Silver Talon

Knifehandler

Size	White 3" Cuff	Gray 3" Cuff
XXS	134148	134913
XS	333368	134914
S	333370	134915
M	333372	134916
L	333374	134917
XL	333376	134918

Silver Talon

Size	Silver
XXS	134524
XS	134525
S	134526
M	134527
L	134528
XL	134529

Silver Talon w/Grip Pattern

Size	Left	Right
XXS	134656	134657
XS	134659	134660
S	134662	134663
M	134665	134666
L	134668	134669
XL	134671	134672

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

Defender 7

Defender 10

Defender 13

LN 7

LN 10

LN 13

Defender® & LN Series:
Superior Cut Resistance

Our popular Defender Series and the LN Series offer sound hand protection. Both are ideal for handling sharp surfaces, food preparation, and meat and poultry processing.

Defender Series

- Patented combination of high performance fibers and stainless steel creates excellent tensile strength
- Superior cut resistance eliminates the high cost associated with lacerations from sharp-edged machinery and hazardous applications and environments
- Available in three gauges (7, 10, 13) for light to heavy duty applications
- CFR 21 – approved for food contact
- Antimicrobial fibers offer an additional layer of protection by inhibiting bacterial and fungal growth
- Available with a regular or extended cuff
- Ambidextrous
- 7g & 10g – ANSI Cut Level A7; 13g – ANSI Cut Level A5
- Prewashed, preshrunk
- Sold by the piece

LN Series

- Combination of high performance, durable fibers and stainless steel provides strength and offers high abrasion resistance
- Available in three gauges (7, 10, 13) for light to heavy duty applications
- CFR 21 – approved for food contact
- Antimicrobial fibers offer an additional layer of protection by inhibiting bacterial and fungal growth
- Ambidextrous
- 7g & 10g – ANSI Cut Level A6; 13g – ANSI Cut Level A5
- Prewashed, preshrunk
- Sold by the piece

Defender Series

Size	Std. Cuff 7 Gauge	Ext. Cuff 7 Gauge	Std. Cuff 10 Gauge	Ext. Cuff 10 Gauge	Std. Cuff 13 Gauge
XXS	N/A	N/A	N/A	135445	N/A
XS	135484	135437	135478	135432	135472
S	135485	135438	135479	135433	135473
M	135486	135439	135480	135434	135474
L	135487	135440	135481	135435	135475
XL	135488	135441	135482	135436	135476
XXL	N/A	N/A	135582	N/A	135625

LN Series

Size	7 Gauge	10 Gauge	13 Gauge
XXS	135647	135639	135557
XS	135648	135640	135558
S	135649	135641	135559
M	135650	135642	135560
L	135651	135643	135561
XL	135652	135644	135562
XXL	N/A	135823	135721
XXXL	N/A	N/A	135730

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

DB Glove, Slipguard

Superior cut protection for harsh environments

DB Glove

- Constructed from high performance fibers and wire
- Added puncture resistant material on the thumb, index finger and forearm (standard) or with full coverage of thumb, index finger and palm (extra protection)
- CFR21- approved for food contact (standard version)
- Ideal for the poultry industry, meat industry and deboning
- Ambidextrous; prewashed, preshrunk
- ANSI Cut Level A6
- Sold by the piece

Slipguard

- High performance fibers and stainless steel
- Ideal balance of cut protection and slip resistance
- Coated with low-friction polyurethane pattern
- Available in left and right hands
- ANSI Cut Level A6
- Prewashed, preshrunk
- Sold by the piece

DB Extra Protection

DB Glove

Slipguard

DB Glove

Size	Standard	Extra Protection
XS	135533	N/A
S	135534	135672
M	135535	135673
L	135536	135674
XL	135537	135675

Slipguard

Size	Left	Right
XXS	134154	134155
XS	133550	133551
S	133554	133555
M	133558	133559
L	133562	133563
XL	133566	133567

VS 10 White

VS 13 White

VS 7 White

Y5858

VS Series:
Wireless cut resistant gloves

VS Series

- Light to heavy duty cut resistant glove
- Wireless option to complement the Whizard® line of cut resistant gloves
- Knitted with SpectraGuard™, a high performance fiber for cut and abrasion resistance
- Pound for pound, Spectra® is 10x stronger than steel, yet extremely light weight
- CFR 21 – approved for food contact
- Ambidextrous
- 7g - ANSI Cut Level A6
- 10g - ANSI Cut Level A4
- 13g - ANSI Cut Level A3
- Prewashed, preshrunk
- Sold by the piece

Cut-Tec™, Cut Resistant Liners:
Light weight strength, high comfort

Cut-Tec™

- Wireless cut protection
- Highly engineered composite fiber provides durability and cut protection without sacrificing tactile sensitivity
- Ambidextrous
- ANSI Cut Level A1
- Sold by the dozen pieces
  Y5858, Ultra Light, White, Sizes S-XL

VS Series

Size	7 Gauge White	7 Gauge Gray	10 Gauge White	13 Gauge White	13 Gauge Gray
XS	135258	135249	135451	135027	135042
S	135259	135250	135452	135028	135037
M	135260	135251	135453	135029	135038
L	135261	135252	135454	135030	135039
XL	135262	135253	135455	135031	135040
XXL	N/A	N/A	135824	N/A	N/A

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

Cut Resistant Liners:
Light weight strength, high comfort

Cut Resistant Liner
- Stainless steel and polyester construction provides cut and abrasion resistance
- Preserves tactile sensitivity
- Can be used as a glove liner or alone
- Light weight & launderable
- Black color conceals dirt
- Ambidextrous
- ANSI Cut Level A4
- Sold by the dozen pair *M281, Sizes S-XL*

Cut Resistant Liner
- Light weight, thin and highly reusable white glove liner
- Provides moderate cut resistance
- Sharp objects “slide” across surface without penetrating the glove
- Can be used as a glove liner or alone
- Ambidextrous
- ANSI Cut Level A1
- Sold by the dozen pair *M214, Sizes XS-XL*

Touch Screen Cut Resistant Glove
- Patent pending yarn technology
- Ultra-lightweight and thin construction delivers superior tactile sensitivity
- Touchscreen compatible
- Ambidextrous
- ANSI Cut Level A4

MT130, Sizes XS-XL

Scepter™
- Stainless steel and polyester construction provides cut and abrasion resistance
- Launderable 15 times without shrinking
- Antimicrobial
- Moderate tactile sensitivity
- Glove can be used as a liner
- Ambidextrous
- ANSI Cut Level A4
- Non-sterile sold by the box (10 pieces per box)

M121, Non-Sterile, Sizes XS-XL

Kevlar® Cut Resistant:
100% DuPont™ Kevlar® Gloves

Kevlar® is the solution for many high performance metal working and general industrial applications

Kevlar Medium Weight
- 100% Kevlar string knit glove
- Available in plain or with PVC Dots on both sides for increased grip
- Continuous cuff; ambidextrous
- ANSI Cut Level A2
- Sold by the dozen pair *1800, Standard, Sizes S-XL; 1810, PVC Dots, Sizes S-XL*


M281


MT130


M214


M121


1800


1810

WARNING: Cut resistant gloves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

1880

1882

1881

1880_LP

1878

Metalguard®:
Patented glove composition

Metalguard Heavy Weight
- Highest level of cut protection within the Metalguard® line
- Additional reinforcement in the thumb crotch area increases wear life
- Continuous knit conforms to the hand, ensuring a close, secure fit
- ANSI Cut Level A6
- Ambidextrous; prewashed, preshrunk
- Sold by dozen pair.
  1880, Sizes XS-XL

Metalguard with Cotton Plaiting
- Continuous knit heavy weight glove eliminates need for double gloving
- Superior cut and abrasion resistance
- Cotton plaiting offers additional comfort and grease and oil absorption
- Additional reinforcement in the thumb crotch area increases wear life
- ANSI Cut Level A6
- Ambidextrous; prewashed, preshrunk
- Sold by dozen pair.
  1882, Sizes XS-XL

Metalguard Heavy Weight PVC Dots
- Heavy weight glove provides high level of cut and abrasion resistance
- PVC dots on both sides offer greater gripping capabilities, without compromising comfort and flexibility
- Unique PVC coated fingertip pattern allows for increased wear life and grip
- ANSI Cut Level A6
- Ambidextrous; prewashed, preshrunk
- Sold by dozen pair.
  1881, Sizes S-XL

Metalguard Mastergrip
- Heavy weight glove designed for maximum protection against lacerations
- Premium leather palm adds extra abrasion and puncture resistance
- Leather palm provides improved grip in wet and oily applications
- ANSI Cut Level A7
- Sold by dozen pair.
  1880_LP, Sizes S-XL

Metalguard Medium Weight
- Continuous knit glove forms to the hand
- Allows full movement, making it flexible and comfortable
- Can be used as a liner or alone
- ANSI Cut Level A5
- Prewashed, preshrunk; ambidextrous
- Sold by dozen pair.
  1878, Sizes XS-XL

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Terry Cloth:

Highly cut resistant glove construction

Metalguard® Terry Cloth

- Continuous knit glove provides excellent abrasion resistance without sacrificing comfort
- Additional reinforcement in thumb crotch increases wear life and durability
- Cotton fibers offer additional comfort and allow absorption of oils and grease
- Loop-in design prevents snagging
- ANSI Cut Level A6
- Prewashed, preshrunk; ambidextrous
- Sold by dozen pair

1885, Sizes XS-XL

1786

FR Terry Cut Glove

- Loop out structure provides cushion to handle heavy parts
- Provides good cut resistance vs. Aramid blend terry cloth
- Features flame resistant fibers for incidental spark protection
- Extended Kevlar® thumb crotch
- Ideal for handling heavy sharp parts
- Gray color conceals dirt and grime
- ANSI Cut Level A4
- Sold by the dozen pair

1786, Sizes XXS-XL

1885

Cut Resistant Leather Palms

Premium Side Split Leather with Whizard® Liner

- Cowhide side split leather
- Whizard cut resistant liner offers a superior level of cut resistance
- Fabric back increases air circulation
- Wing thumb offers comfortable fit
- Leather knuckle strap for extra protection
- Gunn cut; safety cuff
- ANSI Cut Level 5
- Sold by the dozen pair

Y3024, Sizes L, XL

Y3118

Premium Side Split Leather with Whizard Liner

- Premium cowhide side split leather
- Whizard cut resistant liner offers a superior level of cut resistance
- Engineered liner provides 3x more cut protection than aramid lined gloves
- Gauntlet cuff provides wrist protection up to the forearm
- Gunn cut, wing thumb
- ANSI Cut Level 5
- Sold by the dozen pair

Y3118, Sizes M-XXL

Y3024

All Day Sleeve

Kevlar Sleeve

Kevlar with Cotton Lining

Metalguard Sleeve SK-___-KSC

Cut Resistant Sleeve (SKC)

Cut Resistant Tube Sleeve (SCS)

Note: These sleeves are sold by the dozen pieces.

All Day Sleeve

Length	Standard	Thumb Hole
14"	AD-14	NA
18"	AD-18	AD-18H
24"	AD-24	AD-24H

100% Kevlar Sleeve

Length	Standard	Thumb Hole
10"	SK-10	N/A
14"	SK-14	SK-14H
16"	SK-16	N/A
18"	SK-18	SK-18H
24"	SK-24	SK-24H

Kevlar/Cotton

Length	Standard
10"	SK-10-KCL
14"	SK-14-KCL
18"	SK-18-KCL
24"	SK-24-KCL

Metalguard Sleeve

Length	Standard	Thumb Hole
10"	SK-10-KSC	NA
14"	SK-14-KSC	NA
18"	SK-18-KSC	SK-18H-KSC
22"	SK-22-KSC	SK-22H-KSC
24"	SK-24-KSC	NA

Cut Resistant Sleeve (SKC)

Length	Standard	Thumb Hole
10"	SKC-10	NA
14"	SKC-14	NA
18"	SKC-18	SKC-18H
24"	SKC-24	SKC-24H

Cut Resistant Tube Sleeve (SCS)

Length	Standard	Thumb Hole
10"	SCS-10	NA
14"	SCS-14	NA
18"	SCS-18	SCS-18H
24"	SCS-24	SCS-24H

Protection where you need it most

All Day® Sleeve

- High strength All-Day fiber provides superior snag, tear and abrasion resistance
- Made from recycled water bottles, free from harsh dye and chemicals
- Inner cotton layer for added comfort
- Elastic on both ends allows sleeve to stay in place
- Available with or without a thumb hole
- ANSI Cut Level A2

Standard Kevlar® Sleeve

- 2-ply knit sleeve
- Flame resistant
- Made from 100% Kevlar
- Available with or without a thumb hole
- ANSI Cut Level A3

Kevlar® Sleeve with Cotton Lining

- Kevlar/cotton; 1-ply outer with Kevlar, 1-ply inner cotton
- Outer layer flame resistant
- Available with or without a thumb hole
- ANSI Cut Level A3

Metalguard® Sleeve

- Unique knit sleeve made from a patented combination of metalguard yarn & Kevlar
- Knit structure allows for air circulation
- Available with or without a thumb hole
- ANSI Cut Level A5

Cut Resistant Sleeve (SKC)

- Unique knit sleeve made from a patent pending combination of high performance materials and flame resistant fibers
- Elastic on both ends allows sleeve to stay in place
- Available in several lengths and with or without a thumb hole
- ANSI Cut Level A3

Cut Resistant Tube Sleeve (SCS)

- 2-ply knit tube sleeve made from a combination of flame resistant fibers and hign performance materials.
- Available with or without a thumb hole
- ANSI Cut Level A3

Whizard® Armguards & Sleeves

Protection where you need it most

Whizard Armguard II Heavy Duty
- Based on the Handguard® II construction, this white armguard provides exceptional protection against cuts and slashes
- Outstanding cut and wear resistance for a long service life
- ANSI Cut Level A8
- Prewashed and preshrunk for a close fit
- Available in 10" forearm sleeve, 20" with clip and 22" with clip

Whizard Armguard II Medium Duty
- Based on the medium weight construction, this gray armguard provides strength, not bulk, and good cut resistance
- Outstanding wear for a long service life
- ANSI Cut Level A7
- Prewashed and preshrunk for a close fit
- Available in 10" forearm sleeve, 20" with clip and 22" with clip

Whizard Defender Armguard
- Blue armguard is made of high performance yarns with stainless steel
- ANSI Cut Level A6
- 22" Blue armguard with clip

Whizard Defender II Armguard
- Made of a combination of high performance fibers and stainless steel
- ANSI Cut Level A6
- 20" white armguard with clip
- 20" gray armguard with clip

Whizard Z40 Armguard
- Unique knit structure allows breathing
- Available in standard wide top and tube versions
- Reversible
- Clip allows you to attach to clothing
- ANSI Cut Level A6
- 22" blue sleeve with clip

Whizard Armguard Clip
- Clips to shirt to keep armguard in place
- 133968 can be used with most Whizard sleeves with loop
- 135587 can be used with any sleeve and attaches to sleeve and clothing

Note: All Whizard Armguards are sold by the piece.

Armguard II Heavy Duty

Length	Part No.
10"	333559
20"	333562
22"	333564

Armguard II Medium Duty

Length	Part No.
10"	333477
20"	333480
22"	333482

Defender Armguard

Length	Part No.
22"	133683

Defender II Armguard

Length	Part No.	Color
20"	134052	Gray
20"	134030	White

Z40 Armguard

Length	Standard Wide Top	Tube
22"	135364	135658

WARNING: Cut resistant sleeves are extremely cut resistant but not cut proof. Do not subject to high speed or highly serrated blades. Always disconnect power before cleaning or removing slicer blades.

Whizard®

In the 1970s a textile cut resistant glove was patented and became the Whizard glove. Today, Whizard includes over 15 products in over 50 styles. Whizard is the industry innovator in the cut resistant glove category, with the widest range of materials and technologies for every application. Wells Lamont's pioneering technology with the Whizard glove has produced advanced, technically superior, patented cut resistant fiber combinations. Wells Lamont is the only company in the world that manufactures its own yarn that knits cut resistant gloves.

Washing Instructions for
Whizard Gloves and Sleeves

MACHINE WASHING

1. Load into washing machine, preferably using laundry bags.
2. Machine wash at normal cycle with water temperature not to exceed 160°F (71°C). If washing machine is equipped, always
   use high speed extraction (very important). This will remove excessive water from gloves and cut down on dry time and temperature.
3. Machine dry, preferably in laundry bags at temperatures not above 150°F (67°C) and no longer than 10 minutes. Temperatures and drying times above this may be harmful to gloves.

Whizard gloves, available in six sizes, have color coded wrists to simplify sizing and re-issuance.

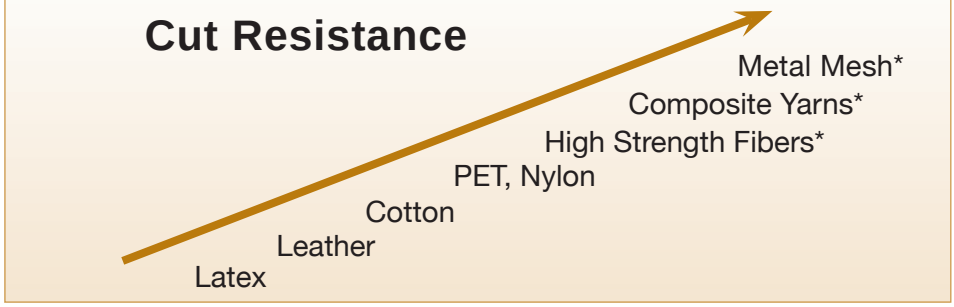
- Extra, Extra Small
- Extra Small
- Small
- Medium
- Large
- Extra Large

What is Cut Resistance?

Cut resistance is a function of a glove's material composition and thickness. Increased cut protection can be achieved with:

- Increased material weight; for example, ounces per square yard
- Use of high performance materials such as Spectra®, Kevlar®, Vectran™, etc.
- Use of composite yarns made with varying combinations of stainless steel, fiberglass, synthetic yarns and high performance yarns.

CUT PERFORMANCE RANKING (not to scale)



* Cut resistant materials

New Classification
ANSI/ISEA 105-2016

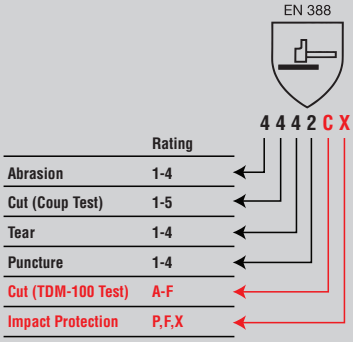
Level	Gram Range
-	<200
A1	≥200
A2	≥500
A3	≥1,000
A4	≥1,500
A5	≥2,200
A6	≥3,000
A7	≥4,000
A8	≥5,000
A9	≥6,000

CE Standards – EN 388:2016

EN 388 Tests	Level of Performance	1	2	3	4	5	
Abrasion Resistance	Number of Cycles	≥100	≥500	≥2000	≥8000		
Blade Cut Restance (Coupe)	Index	≥1.2	≥2.5	≥5.0	≥10	≥20	
Tear Resistance	Newtons	≥10	≥25	≥50	≥75		
Puncture Resistance	Newtons	≥20	≥60	≥100	≥150		
	Level of Performance	A	B	C	D	E	F
Blade Cut Resistance (ISO 13997:1999)	Newtons	≥2	≥5	≥10	≥15	≥22	≥30
	Level of Performance	P	F	X			
Impact Resistance	Pass/Fail	Pass	Fail	Not Tested			

ANSI Cut Rating Levels

When tested in accordance with ASTM F2992-15 Test Methods for Measuring Cut Resistance of Materials used in Protective Clothing, the glove's resistance is classified against levels, using the weight needed to cut through the material with 20mm (0.78") of blade travel.



leather

Wells Lamont Industrial is a leader in producing superior quality leather gloves commercially used in today's marketplace. The company began manufacturing its original **White Mule® leather palm work gloves in 1928**. This glove is still synonymous with quality and performance in today's market. Our organization has continued to lead the way in leather glove construction. In 1982 Wells Lamont introduced its **Grips®** patented precurved leather gloves, which are still very popular 30 years later.

We have greatly expanded our leather product line since the inception of the White Mule®. Wells Lamont Industrial now produces drivers, leather palm, **innovated cut-resistant leather gloves**, insulated gloves, welders, and mining gloves, using cowhide, pigskin, deerskin or goatskin to provide the best quality, protection and comfort to our customers. Wells Lamont Industrial provides a variety of leather gloves to address specific job needs.

Hi-Vis leather makes the product easily identifiable. Our **MIG/TIG Welders** provide fingertip sensitivity to accommodate precision welding, as well as forearm protection. These gloves also have a high level of dexterity for intricate welds.

In compliance with our standards, Wells Lamont Industrial has also assigned three sub-categories to further differentiate our line of leather gloves: **"gold, silver and bronze."** This added convenience makes it easier for the customer to better address their specific needs within each category of relevance.

We will continue to expand on the leather industry precedents set by W.O. Wells over 100 years ago to bring our customers superior quality, innovative engineering and responsive service.

Glove Overedge Colors*

XS	S	M	L	XL	XXL

** Does not apply to 224, 229, 1178 or leather gloves that are self-hemmed, have a leather bound hem, or a knit wrist.*

contents

Gold Solutions:
Superior quality leather drivers

Grips® Grain Cowhide Driver
- Premium quality cowhide
- Precurved design provides better ergonomies
- Reinforced suede palm patch extends the glove's usage cycle
- Keystone thumb, gunn cut, self hemmed
- Sold by the dozen pair

1150, Sizes S-XL

1150

Grips® Ball & Tape Driver
- Premium quality grain cowhide
- Ball and tape adjustable wrist closure keeps dirt and debris out
- Straight thumb, gunn cut, bound hem
- Sold by the dozen pair

1178, Sizes S-XXL

1178

Deerskin Driver
- Deerskin has good tensile strength
- Keystone thumb for superior flexibility
- Elastic shirred back, gunn cut, bound hem
- Sold by the dozen pair

962, Sizes S- XL

962

Goatskin Driver
- Top quality goatskin with natural & added lanolin for softness and extended wear
- Goatskin has a higher natural tensile strength despite abrasion
- Keystone thumb and gunn cut for added dexterity and flexibility
- Double-shirred, bound hem
- Sold by the dozen pair

Y0769, Sizes XS-XXL

Y0769

Grips® Grain Cowhide
- Premium quality grain cowhide
- Keystone thumb, gunn cut, self hemmed
- Double shirred elastic wrist
- Sold by the dozen pair

Y0153, Sizes S-XL

Y0153

Grain Cowhide
- High quality cowhide leather has high abrasion resistance and good insulation
- Straight thumb, gunn cut, bound hem
- Double shirred elastic wrist keeps dirt out
- Sold by the dozen pair

Y0122, Sizes S-XXL

Y0122

Y0123

Y0623

Y0323

Y0107

Silver Solutions:
High quality, good value

Grain Leather Driver
- Quality grain cowhide
- Straight thumb, gunn cut, bound hem
- Double shirred elastic wrist
- Sold by the dozen pair

Y0123, Sizes S-XL

Grain Leather Driver
- Wraparound index finger prevents seam from wearing out
- Wing thumb, gunn cut, bound hem
- Wing thumb offers comfortable gripping and allows thumb to move freely
- Sold by the dozen pair

Y0623, Sizes XS-XXXL

Grain Pigskin Driver
- Quality grain pigskin
- Keystone thumb, gunn cut, bound hem
- Natural heat and abrasion resistance and good tensile strength
- Double shirred elastic wrist
- Sold by the dozen pair

Y0323, Sizes S-XL

Grain Goatskin
- Quality goatskin
- Goatskin has a higher natural tensile strength despite abrasion
- Keystone thumb and gunn cut for added dexterity and flexibility
- Double-shirred, bound hem
- Sold by the dozen pair

Y0107, Sizes S-XL

Bronze Solutions:
Best economical value

Grain Leather Driver
- Offer great economy choice
- Keystone thumb, bound hem
- Elastic shirred back
- Sold by the dozen pair

**Y0131, Sizes XS-XXL*
**color pigment may vary*

Y0131

Grain Leather Driver
- Grain leather palm, split back
- Keystone thumb, gunn cut
- Bound hem, double shirred elastic wrist
- Sold by the dozen pair

Y0143, Sizes S-XL

Y0143

Grain Leather Driver
- Hi-Vis orange fingertips and safety slogan imprinted on the back of the hand
- Straight thumb, gunn cut
- Bound hem, double shirred elastic wrist
- Sold by the dozen pair

Y0145, Sizes S-XXL

Y0145

Grain Pigskin Driver
- Grain pigskin
- Keystone thumb, gunn cut, bound hem
- Natural heat and abrasion resistance and good tensile strength
- Double shirred elastic wrist
- Sold by the dozen pair

Y0321, Economy, Sizes S-XXL

Y0321

Y0133

Y0135

224

229

Y2008

Y2009

Y3014

Y3015

Y3101

Bronze Solutions:
Best economical value

Grain Leather Driver
- Economy choice
- Straight thumb, gunn cut, bound hem
- Sold by the dozen pair

**Y0133, Sizes S-XL*
**Y0135, Economy, Sizes S-XL*
**color pigment may vary*

Gold Solutions:
Superior quality leather palms

White Mule® Leather Palm
- Premium side split cowhide
- White Mule stands for strength and hard work
- Full leather first finger, thumb, finger tips and knuckle strap
- Praised in the market place for its superior performance
- Straight thumb and gunn cut
- Sold by the dozen pair

224, Safety Cuff, Sizes XS, M-XXL
229, Gauntlet Cuff, Sizes M-XL

Grain Cowhide Leather Palm
- Premium quality grain cowhide
- Wing thumb and gunn cut
- Exceptionally soft and flexible
- Sold by the dozen pair

Y2008, Safety Cuff, Sizes S-XL
Y2009, Gauntlet Cuff, Sizes S-XL

Kevlar®-Sewn Leather Palm
- Sewn with DuPont™ Kevlar® thread for increased strength at the seams
- Premium quality split cowhide extends the glove's usage cycle
- Superior grip and comfortable fit
- Wing thumb
- Sold by the dozen pair

Y3014, Safety Cuff, Sizes M-XL
Y3015, Gauntlet Cuff, Sizes L, XL

Double Palm
- Selected shoulder split leather with double palm and forefinger
- Striped back and cuff
- Wing thumb, safety cuff
- Sold by the dozen pair

Y3101, Sizes S, L, XL

Silver Solutions:
Quality leather palms

Standard Shoulder Split Leather Palm
- Standard shoulder split cowhide leather palm
- Full leather first finger, thumb, fingertips and knuckle strap
- Wing thumb
- Sold by the dozen pair

Y3201, Safety Cuff, Size L
Y3202, Gauntlet Cuff, Size L

Select Shoulder Split Leather Palm
- Selected shoulder split leather with striped canvas back and cuff
- Full leather palm, fingertips and knuckle strap with wing thumb
- Available in 2" safety cuff and 4" gauntlet cuff
- Sold by the dozen pair

Y3106, Safety Cuff, Sizes S-XL
Y3107, Gauntlet Cuff, Sizes S-XL

Bronze Solutions:
Economical leather palms

Leather Palm
- Standard shoulder split leather palm
- Wing thumb
- Available in safety and gauntlet cuff
- Sold by the dozen pair

Y3407, Safety Cuff, Sizes S, L, XL
Y3409, Gauntlet Cuff, Sizes L, XL

Y3201

Y3202

Y3107

Y3106

Y3407

Y3409

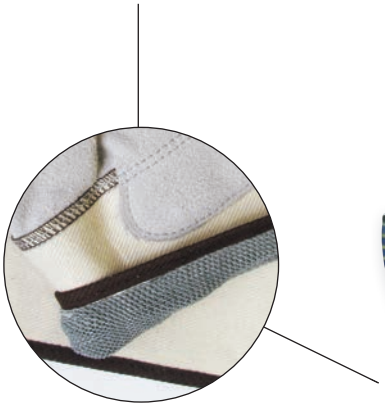
Cut Resistant Leather Glove

Y3024

Premium Side Split Leather with Whizard® Liner

- Cowhide side split leather
- Whizard cut resistant liner offers a superior level of cut resistance
- Fabric back increases air circulation
- Wing thumb offers comfortable fit
- Leather knuckle strap for extra protection
- Gunn cut; safety cuff, ANSI Level 5
- Sold by the dozen pair

Y3024, Sizes L-XL



The Whizard® cut resistant liner provides a superior level of cut resistance.

Premium Side Split Leather with Whizard® Liner

- Premium cowhide side split leather
- Whizard cut resistant liner offers a superior level of cut resistance
- Engineered liner provides 3x more cut protection than aramid lined gloves
- Gauntlet cuff provides wrist protection up to the forearm
- Gunn cut, wing thumb; ANSI Level 5
- Sold by the dozen pair

Y3118, Sizes M-XXL

Y3118

Leather Driver with Cut Resistant Liner

- Soft and flexible goatskin leather provides comfort and durability
- Kevlar liner delivers cut protection
- Easy fitting gunn cut pattern
- Straight thumb
- Double shirred elastic wrist
- ANSI Cut Level A3

Y0103, Sizes S-XXL

Y0103

Insulated Leather Gloves:
Lined for cold climates

Fleece/Foam Lined Driver
- Quality grain cowhide with red fleece over foam lining for comfort and warmth
- Straight thumb, gunn cut, bound hem
- Double shirred wrist keeps warmth in
- Sold by the dozen pair

Y0032, Size S-XXL

Y0032

Economy Fleece Lined Grain Cowhide
- Grain cowhide with fleece lining
- Keystone thumb, bound hem
- Elastic shirred back
- Sold by the dozen pair

Y0062, Sizes S-XL

Y0062

Thermofill™ Lined Leather Palm
- Premium pigskin leather palm
- Thermofill Lined
- Wing thumb, gunn cut
- Safety Cuff
- Sold by the dozen pair

Y0042, Sizes M-XL

Y0042

MechPro Waterproof
- Premium Palomino pigskin leather palm
- Gray spandex back increases dexterity
- Neoprene knuckle strap helps absorb shock and offers extra protection
- Waterproof membrane offers protection against liquids
- Thinsulate™ lining for colder environments
- Feeltite™ hook and loop wrist closure
- Elastic shirred back
- Sold by the dozen pair

7760, Sizes S-XXL

7760

Y1902

Double tanned heavy select split cowhide provides increased protection.

Y1903

Y2021

Weldrite® Welders:
Fully welted welding gloves

Standard Shoulder Split Cowhide

- Standard shoulder split cowhide
- One-piece back with heavy duty lining for extra heat protection
- Reinforced welting for durability
- Wing thumb, gunn cut
- Sold by the dozen pair

Y1902, Size S-XXL

Premium Double Tanned Heavy Split Cowhide Welder

- Heavy duty, double tanned selected side split premium cowhide leather
- Sewn with DuPont Kevlar® thread for extreme strength and wearability
- Reinforced thumb, gunn cut
- Fully welted, adding durability and greatly reducing the risk of burning through the seams
- Flame retardant hand sock lining
- Sold by the dozen pair

Y1903, Size L

MIG/TIG Welders:
Welding gloves

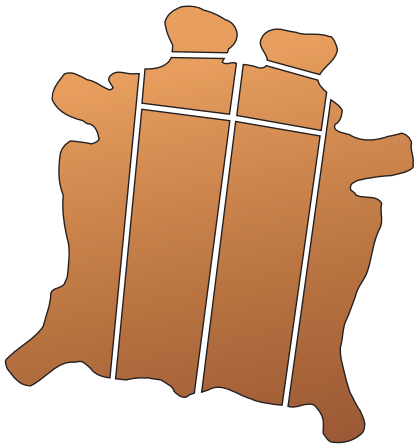
Kevlar Grain Cowhide

- Quality grain cowhide with split leather 4" cuff
- Sewn with DuPont™ Kevlar® thread for increasing resistance from high heat temperatures
- Cowhide has natural heat and abrasion resistance and good tensile strength
- Wing thumb, gunn cut
- Sold by the dozen pair

Y2021, Sizes S-XL

How a leather hide is used

Our leather gloves are made from carefully selected hides to our exacting specifications, most in our own tanneries. In the processing of most hides, especially those from larger animals, it is customary to cut them into two or more smaller pieces for easier handling. The most common pieces used in glove leather are the belly, side and shoulder pieces.



Because leather hides are too thick for commercial use, they must then be cut into layers. A hide is divided into three layers. The smooth or outer layer, or grain side, is used for better gloves where look and dexterity is important. The bottom layer, or flesh split side with the feel of suede is very strong, and is used mostly in leather palm styles, but also in full leather gloves.

Wells Lamont uses only the finest quality leather in our gloves. All areas of the hide are graded during cutting, then separated into A, B, or C grades. Because hides are unique in size and shape, they must be cut one at a time to yield the highest grade possible.

Grain

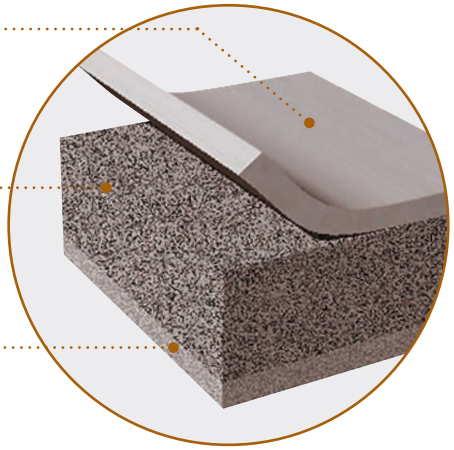
The grain leather split layer consists of the smooth outer layer used to make superior quality leather products. It is usually the largest piece of the hide on the animal. It has an excellent level of durability and dexterity.

Middle Split

The middle split layer doesn't have much tensile strength and is rarely used in the industry because of its poor quality. Our company never uses the middle split part of a hide under any circumstances.

Flesh Split

The flesh split layer of the hide is somewhat stiff and generally heavier than top grain leathers. It's used mostly in leather palm styles and is usually lined with material to protect hands from its roughness.



Material recommendations for common work glove applications:

(for equivalent thicknesses of natural leather)

Applications	Grain Pigskin	Grain Cowhide	Split Cowhide	Grain Deer	Grain Goatskin	Synthetic Leathers	Coated Knits
Framing, carpentry, roofing	Good	Best	Fair	Good	Good	Good	Fair
Maintenance, dry surface cleaning	Better	Good	Good	Best	Better	Good	Fair
Demolition, rough labor	Good	Better	Best	Fair	Fair	Fair	Good
Equipment operation	Good	Good	Fair	Best	Better	Better	Fair
Heavy machine operation	Good	Better	Best	Good	Good	Fair	Fair
Landscaping	Best	Good	Better	Fair	Good	Good	Good
Hand tools, pistol grips, assembly	Good	Good	Fair	Better	Better	Best	Fair
Parcel delivery, warehouse work	Good	Better	Good	Good	Better	Good	Best
Transportation	Good	Good	Fair	Best	Good	Better	Fair
Low abrasion operations	Good	Fair	Fair	Good	Better	Best	Fair
High abrasion operations	Better	Good	Best	Fair	Better	Good	Good
Rigging	Better	Good	Good	Good	Best	Better	Fair
Materials handling	Better	Better	Better	Fair	Good	Good	Best

Leather Glove Guide

Commonly used glove leather is described next to each magnified (8x) photo of an actual leather swatch.

All work glove leather is not the same, and neither are all leather work gloves. Each leather and leather glove have their own characteristics. What we have illustrated is a quick series of lessons that define these characteristics and where and how they be best used.

Grain Pigskin—Pigskin is unmatched for its abrasion resistance, and breathability (note distinctive hair follicles that contribute to this). Tanned correctly, this leather is very flexible, and moisture and puncture resistant.

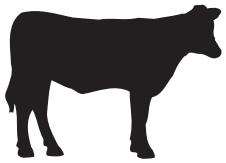
Grain Deerskin—Prized for its flexibility, softness and insulating ability, deerskin is surprisingly strong and moisture resistant. Because deer are not raised for commercial use, there can be large quality and consistency variances.

Grain Cowhide—A good all-around work glove leather. The most commonly used grain leather because of its broad availability. The side shown here reflects uniformity, both in color and surface, a hallmark of this leather.

Grain Goatskin—Densely packed fibers allow this leather to be thin, but retain much of its strength. Since the hides can be very small, quality variances are common, as a single pair of gloves can contain side, shoulder and belly parts.

Split Cowhide—The most used, cost effective and versatile of work glove leathers. The pearl side split shown here clearly shows high fiber density responsible for this leather's high abrasion resistance and strength.

Benefits of Specific Leathers:



COWHIDE
- Good abrasion resistance
- Attractive appearance
- Good thermal protection

PIGSKIN
- Highest resistance to heat
- Highest abrasion resistance
- Good tensile strength
- Flexible even after repeated wettings

GOATSKIN
- Highest natural lanolin content
- Excellent wear and abrasion resistance
- Soft and pliable
- Perfect for medium duty jobs
- High tensile strength

DEERSKIN
- Naturally soft
- Highest tensile strength
- Warm and long wearing
- Excellent dexterity

Common work glove leather physical performance characteristics:

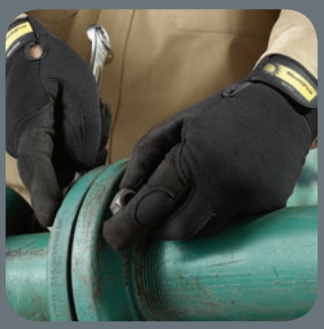
(for equivalent thicknesses of natural leather)

Abrasion Leather Type	Puncture Resistance	Tensile Resistance	Strength	Breathability	Tactile Flexibility	Insulation Sensitivity	Moisture Ability	Relative Resistance	Cost
Grain Pigskin	Best	High	Good	Best	High	High	Low	Best	Low
Grain Cowhide	High	Best	High	Fair	Good	Good	Good	Fair	Mid-range
Split Cowhide	High	Best	High	Fair	Fair	Fair	Good	Fair	Low
Grain Deerskin	Fair	Fair	Best	Fair	High	High	Best	Better	High
Grain Goatskin	High	High	High	Fair	High	High	Low	Good	Mid-range

NOTE: The table above is meant to give you a general indication of how various types of leather perform in relation to each other during standard testing.

LEATHER GLOVE CHART

	Thumb Style			Hem Style							
Part Number	**Keystone**	**Straight**	**Wing**	**Bound Hem**	**Self-Hammed**	**Leather Palm**	**Grain**	**Cut Resistant Liner**	**Cold Weather Liner**	**Waterproof**	**Welders**
1150	X				X		X				
1178		X		X			X	X			
962	X			X			X				
Y0769	X			X			X				
Y0153	X				X		X				
Y0122		X		X			X				
Y0123		X		X			X				
Y0623			X	X			X				
Y0323	X			X			X				
Y0107	X			X			X				
Y0131	X			X			X				
Y0143	X			X		X					
Y0145		X		X			X				
Y0321	X			X			X				
Y0133		X		X			X				
Y0135		X		X			X				
224/229		X				X					
Y2008/Y2009			X			X					
Y3014/Y3015			X			X					
Y3101			X			X					
Y3201/Y3202			X			X					
Y3106/Y3107			X			X					
Y3407/Y3409			X			X					
Y3024			X			X		X			
Y3118			X			X		X			
Y0310		X					X	X			
Y0032		X		X			X		X		
Y0062	X			X			X		X		
Y0042			X			X			X		
7760						X			X	X	
Y1902			X								X
Y1903											X
Y2021			X				X				X



MechPro

MechPro®

The **MechPro® Series** offers exceptional dexterity and general hand protection. Specially designed and created specifically for the trades: fleet mechanics, maintenance mechanics, pipe fitters, electricians, millwrights and other professions requiring protection from nicks and abrasions. The MechPro® Series also provides superior grip and excellent dexterity for handling tools and parts. With added features such as stretch panels on backs and finger gussets, pinched fingertips that improve comfort and tactility, and patented finger pulls for easy on and off access, MechPro® gloves are designed for performance without being overpriced.

Wells Lamont has over 100 years of experience making work gloves and more than 40 years of experience making highly technical mechanics gloves. Our innovative technology, materials and techniques make us the leader in glove manufacturing. We have combined this century of experience to bring you MechPro and the newest innovations in and glove technology.

contents

MechPro®:
Quality mechanics' gloves

MechPro Basic
- Reinforced fingertips with improved pinched fingertip design
- Feeltite™ hook and loop adjustable wrist closure keeps dirt and debris out
- Machine washable

7700, Sizes S-XL

7700

MechPro
- "Second skin" stretch fit and feel
- Heavy duty ribbed knit fabric for nick, abrasion and incidental heat resistance
- Synthetic leather palm and fingertips
- Reinforced fingertips with improved pinched fingertip design
- Gusseted finger crotch and perforated finger fourchettes for comfort
- Double stitched in high wear areas: fingertips, index finger and palm
- Elastic cuff with Feeltite™ hook and loop adjustable wrist closure

7701, Sizes S-XL

7701

MechPro Insulated
- MechPro Basic shell with C70 Thinsulate™ lining for colder climates
- Reinforced fingertips with improved pinched fingertip design
- Feeltite™ hook and loop wrist closure
- Machine washable

7750, Sizes S-XXL

7750

7760

7790

Y7711

MechPro Waterproof

- Premium Palomino pigskin leather palm
- Gray spandex back increases dexterity
- Neoprene knuckle strap helps absorb shock and offers extra protection
- Waterproof membrane offers protection against liquids
- Thinsulate™ lining for cold environments
- Feeltite™ hook and loop wrist closure

7760, Sizes S-XXL

MechPro Grip

- Premium pigskin leather
- Reinforced padded palm patch for grip and vibration resistance
- Reinforced leather thumb, fingertips and knuckle strap for extra wear
- Elastic cuff with Feeltite™ hook and loop adjustable wrist closure

7790, Sizes S-XXL

MechPro Plus

- MechPro 7701 shell with extra padding in the palm area to reduce damage to palm from vibration and excessive grip pressure
- Helps to minimize shock that can result in carpal tunnel syndrome
- Improved pinched fingertip design and gussested finger crotch for comfort
- Hook and loop adjustable wrist closure

Y7711, Sizes S-XL

NOTE: All MechPro® gloves are sold by the dozen pair.

Leather on the palm of glove creates an additional layer of abrasion resistance.

MECHPRO GLOVE CHART					
Part Number	**Grain Leather Palm**	**Synthetic Leather Palm**	**Thermal**	**Waterproof**	**Anti-Vibration Palm Padding**
7700		X			
7701		X			
7790	X				X
7750		X			
7760	X		X	X	
Y7711		X			X

7701

We have pinched the fingertips on selected styles. This allows you more comfort and tactility because there are less seams and material to get in the way.

impact protection

Wells Lamont Industrial has created a line of products that best meet hand protection requirements for workers in environments where injuries to the back of hands and fingers must be prevented.

Impact Resistant gloves deliver an extra level of protection against blows to the back of the hands and fingers. Superior impact protection, comfort, and dexterity are achieved with the use of soft and flexible thermoplastic (TPR) pads.

Impact Resistant gloves are offered in leather and knit materials. Palm coated Impact Resistant gloves provide increased grip, while various cut levels ensure suitability in a wide range of applications.

Goatskin Leather

Goatskin leather gloves offer comfort, flexibility, and durability. A Kevlar® liner delivers increased cut protection. The Goatskin Impact Resistant glove takes the standard leather driver to the next level of hand protection.

Knit

Knit gloves use a unique blend of high performance fibers and cut resistant materials to achieve the highest level of comfort and cut resistance. Knit gloves featuring a blend of high performance and cooling fibers ensure extended comfort in warm work environments. A sandy nitrile palm coating provides a non-slip grip in wet and oily conditions. Addition of a reinforced thumb crotch between the thumb and forefinger provides an extra layer of protection. For thermal knit gloves, a fleece liner provides warmth in cold environments. The Knit Impact Resistant glove is the optimal solution for applications requiring multi-hazard protection, grip, and dexterity.

contents

Impact Resistance Gloves:
Amazing resistance, high comfort

Kevlar® Lined Leather Impact Driver

- Goatskin offers comfort and durability
- Kevlar® liner delivers cut protection
- Soft and flexible TPR protects hand and fingers
- Gunn cut pattern
- Straight thumb
- ANSI Cut Level A3
- Sold by the dozen pair

I2430, Sizes S-XXL

I2430

Thermal Hi-Vis Impact Glove

- Machine knit shell delivers excellent comfort and dexterity
- Soft and flexible TPR pads protect from impacts and blows to the back of the hand and fingers
- Sandy nitrile palm maintains a firm grip in wet and oily conditions
- Hi-vis color improves compliance
- Brushed fleece liner keep hands warm
- ANSI Cut Level A3

I2449T, Size S-XXL

I2449T

I2459

I2469

Impact Resistance Gloves:
Amazing resistance, high comfort

ANSI Cut Level A7 Impact Glove

- Machine knit cut resistant shell maximizes protection without sacrificing comfort
- Soft and flexible TPR pads protect hand and fingers
- Sandy nitrile palm maintains a firm grip in wet and oily conditions
- Reinforced thumb crotch and padded palm porvides extra protection
- ANSI Cut Level A7

I2459, Sizes S-XXL

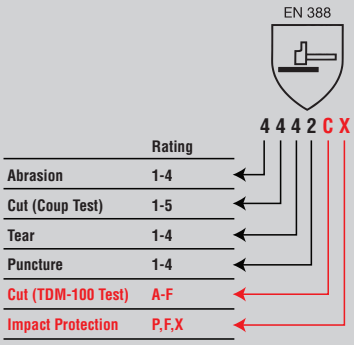
Hi-Vis Cut Level A4 Nitrile Palm with Impact

- Soft and flexible TPR pads protect against blows to the back of the hands and fingers
- Sandy nitrile palm provides excellent grip in wet and oily environments
- Reinforced thumb crotch provides an extra layer of protection between thumb and forefinger, while providing extended wear
- Blend of high performance and cooling fibers ensures comfort in warm work environments
- Hi-visibility color improves awareness
- ANSI Level 4 abrasion for longer life
- ANSI Cut Level A4

I2469, Size S-XXL

CE Standards – EN 388:2016

EN 388 Tests	Level of Performance	1	2	3	4	5	
Abrasion Resistance	Number of Cycles	≥100	≥500	≥2000	≥8000		
Blade Cut Restance (Coupe)	Index	≥1.2	≥2.5	≥5.0	≥10	≥20	
Tear Resistance	Newtons	≥10	≥25	≥50	≥75		
Puncture Resistance	Newtons	≥20	≥60	≥100	≥150		
	Level of Performance	A	B	C	D	E	F
Blade Cut Resistance (ISO 13997:1999)	Newtons	≥2	≥5	≥10	≥15	≥22	≥30
	Level of Performance	P	F	X			
Impact Resistance	Pass/Fail	Pass	Fail	Not Tested			



heat resistant

According to the National Safety Council (NSC), burns cost an average of more than $48,241.00 per claim. Wells Lamont Industrial can help your company protects its employees from the second most costly injury.

Jomac®

Jomac heat resistant gloves withstand temperatures of 700°F, making them an excellent choice for handling extremely hot materials. Our terry cloth glove design creates an insulating layer of air between each loop, allowing heat to rapidly dissipate, keeping your hands comfortable. This looping structure causes sharp edges to roll from one surface to the next without incision, protecting the hand from cuts and abrasions.

Jomac terry cloth is naturally cut and abrasion resistant and also absorbs oils for better gripping capabilities. Terry cloth also absorbs perspiration for increased comfort and slip resistance. Terry cloth stands up to repeated launderings with minimal shrinkage and remains soft and flexible.

Jomac cut and sewn terry cloth gloves are designed to provide superior cut and abrasion resistance for any application that calls for heavy duty hand protection. Jomac terry cloth gloves have a high loop structure that forms a cut barrier.

Kevlar®

Heat resistant gloves made with Kevlar provide the highest degree of protection from heat. They are flame resistant so they will not burn or melt, and can protect against temperatures up to 700°F.*

Jomac heat resistant gloves made from 100% Kevlar won't melt, burn or lose flexibility at temperatures as high as 700°F.* They are also insulated with cotton, wool and double wool linings for maximum protection and comfort.

The large variety of heat resistant products that we provide also includes our Hot Mill gloves that are made from 2-ply or 3-ply material, which provides greater comfort and increases resistance against high heat temperatures too. Wells Lamont Industrial heat resistant product line includes the wide array of gloves, mitts, hot mills and oven pads to best serve the needs of our customers.

NOTE: The degree of heat resistance a glove may offer is directly related to the **duration of exposure and weight of the object** being handled. Consult a Wells Lamont Industrial glove specialist for recommendations.

* For more detailed information on heat resistance of individual gloves refer to tables on pages 47 and 48.

contents

Kevlar® Gloves:
Kevlar will not burn or melt

Wool-Lined Kevlar
- Protects up to 700°F
- 100% Kevlar outer shell protects against heat
- Fully lined with wool for increased heat protection
- 13" glove protects partial arm
- Loop-out, clute pattern
- Sold by the dozen pair

305KWL, Size XL

Kevlar Duck Gauntlet
- Protects up to 700°F
- 100% Kevlar outer shell insulates against heat
- Fully lined with wool for heat protection
- 5" flame resistant duck gauntlet cuff
- Loop-out, clute pattern
- Sold by the dozen pair

625, Size XL

Kevlar Non-Loop, Double-Lined
- Protects up to 700°F
- 100% Kevlar non-loop outer shell does not snag or tear and protects from cuts
- Double lined with wool for increased heat protection
- 5" gauntlet cuff for extra protection
- Sold by the dozen pair

637KWL, Size L

Cotton-Lined Kevlar
- Protects up to 700°F
- Heavy weight glove with 100% Kevlar outer shell for heat and cut resistance
- Cotton lining for comfort
- 5½" gauntlet cuff for extra protection
- Loop-out, clute pattern
- Sold by the dozen pair

636KCL, Size XL

Kevlar/Nomex® Seamless Glove
- Protects up to 500°F
- Kevlar/Nomex outer shell provides excellent thermal properties, allowing wearer to handle hot objects
- Fully lined with cotton for softness
- Ambidextrous; knit; continuous cuff
- Sold by the dozen pieces

2610, Size S-XL

305KWL

636KCL

625

2610

637KWL

320

636HR

M937HRL

636HRLFR

644HRL

Extra Heavy Duty/Weight Terry:
Terry Cloth: The Natural Insulator

HEATBLOK Double Layer Palm
- Protects up to 460°F
- White loop-in terry cloth
- Safety cuff; clute cut

320, Size L

White Mitt with Long Cuff
- Protects up to 450°F
- Extra heavy weight terry cloth mitt
- Lined with cotton in hand
- Loop-out
- 9" gauntlet cuff
- Sold by the dozen pair

M937HRL, Size L

Brown & White Safety Cuff
- Heat protection up to 350°F for unlined
- 450°F heat protection for lined
- Extra heavy weight terry cloth
- Ambidextrous
- Loop-out
- 2.5" cuff

644HR, Unlined, Size XL
644HRL, Lined, Size XL

Brown & White Gauntlet Cuff
- Heat protection up to 350°F for unlined
- 450°F heat protection for lined
- Extra heavy weight terry
- Ambidextrous
- Loop-out
- 5" gauntlet cuff for extra coverage

636HR, Unlined, Size XL
636HRL, Lined, Size XL

Red Flame Retardant
- Protects up to 450°F
- Red extra heavy weight terry cloth with 5" gauntlet for extra coverage
- Fully lined with cotton for softness
- Heat and flame retardant
- Loop-out
- Ambidextrous

636HRLFR, Size XL

** All extra heavy duty/weight terry cloth mitts/ gloves are sold by the dozen pair.*

Terry Cloth Cut & Sewn:
Naturally cut and heat resistant

KELKLAVE Autoclave Gloves
- Protects up to 250°F
- White loop-out terry cloth
- Gauntlet cuff
- Clute cut
- Sold by the dozen pair

422-5, 5" Gauntlet Cuff, Size L
422-11, 11" Gauntlet Cuff, Size L

Cut & Sewn Extra Heavy Weight
- Protects up to 350°F
- White loop-out terry cloth
- Ambidextrous
- Gauntlet
- Sold by the dozen pair

Y946, Size XL

Brown & White with Knit Wrist
- Protects up to 350°F
- Extra heavy weight unlined loop-out terry cloth
- Knit wrist keeps dirt and debris out
- Sold by the dozen pair

642HR, Size XL

Cut & Sewn Heavy Weight
- Protects up to 325°F
- White loop-out terry cloth
- Ambidextrous
- Sold by the dozen pair

682, Rubberized 5" Gauntlet, Size L long
765, Knit Wrist, Size M
766, Knit Wrist, Size L
666, Knit Wrist, Size L long

422-5

Y946

642HR


682

765

2636

9000

1666

1966

Seamless Terry Cloth
Jomac® quality guarantee

Heat Defier II
- Protects up to 425°F
- Heavy weight, double layer brown and white loop-out terry cloth glove
- 5½" continuous wrist
- Seamless
- Ambidextrous
- Sold by the dozen pair

2636, Size L

Medium Weight Kevlar/Cotton Blend
- Protects up to 200°F
- Kevlar/cotton blend terry cloth
- Knit wrist
- Loop-out
- Ambidextrous
- Sold by the dozen pair

9000, Size L
9001, Women's

Heavy Weight 100% Cotton
- Protects up to 350°F
- White loop-out terry cloth
- Knit wrist
- Ambidextrous
- Sold by the dozen pair

1966, Size L

Standard Weight 60% Cotton 40% Poly
- Protects up to 300°F
- White loop-out terry cloth
- Knit wrist
- Ambidextrous
- Sold by the dozen pair

1666, Size L

ABOVE: 9000 contains Kevlar and provides added cut resistance.

Terry Welders & Pads:
Ideal for welding & baking

Blue Terry Cloth with Duck Cuff
- Protects up to 250°F
- Blue heavy weight terry cloth
- Loop-out palm; clute cut
- Duck gauntlet cuff
- Heat and flame retardant
- Sold by the dozen pair

628FR, Size L

Extra Heavy Weight Terry Cloth Pads
- Protects up to 325°F
- Loop-out
- Full thumb, open top
- Fits easily over glove for added protection

H-160, 6½" length
H-183, 10" length

B-Pad
- Protects up to 460°F
- Loop-out
- Extra heavy weight: two layers of terry cloth with hand hole
- 9½ x 11"

G-Pad
- Protects up to 460°F
- Loop-out
- Extra heavy weight: two layers of terry cloth with elastic strap
- 9 x 11½"

628FR

H-160

B-Pad

G-Pad

Y6301

Y6302

Y6243

S-15HR

S-20MS

Hot Mills & Sleeves:
Protection where you need it most

Green Heavy Weight Hot Mill
- Protects up to 400°F
- 30 oz. green cotton, nap-out
- Heavy duty burlap lining
- Straight thumb
- Sold by the dozen pair

Y6301, Safety cuff, Size L
Y6302, Gauntlet cuff, Size L

Standard Weight Hot Mill
- Protects up to 300°F
- 24 oz. natural cotton, nap-out
- Straight thumb
- Sold by the dozen pair

Y6243, Safety cuff, Size L
Y6244, Gauntlet cuff, Size L

Heavy Weight Sleeve
- Protects up to 350°F
- White cut & sewn sleeve, loop-out
- Elastic top secures sleeve to upper arm

S-11HR, hemmed bottom, 19" length
S-14HR, knit wrist, 16" length
S-15HR, knit wrist, 14" length

Medium Weight Sleeve
- Protects up to 250°F
- White cut & sewn sleeve, loop-out
- Elastic top secures sleeve to upper arm

S-25HR, knit wrist, 16" length

Medium Weight Seamless
- Protects up to 200°F
- White seamless sleeve, loop-in
- Elastic inserted at top and bottom

S-20MS, 17" length

Note: All sleeves, pads and potholders are sold by the dozen pieces.

Jomac® Terry Cloth

Terrycloth is naturally cut resistant, offering effective protection as sharp edges roll over the high loops in the material, protecting the hand and the fabric below.

- Superior cut and abrasion protection plus heat resistance
- An insulating layer of air forms beneath each loop, allowing the glove to dissipate heat quickly
- Absorbs oils for better grip
- Absorbs perspiration for comfort
- Remains soft and flexible; outwears leather 2:1
- Ideal for handling sheet metal
- Stands up to repeated laundering with minimal shrinkage

TERRY CLOTH HEAT RANGES

OZ RANGE	HEAT RANGE*	DESCRIPTION
18oz - 21oz	200° F - 250° F	Medium Weight Terry
22oz - 25oz	250° F - 325° F	Standard Weight Terry
26oz - 29oz	325° F - 350° F	Heavy Weight Terry
30oz - 40oz	350° F - 460° F	Extra Heavy Weight Terry

HOT MILL HEAT RANGES

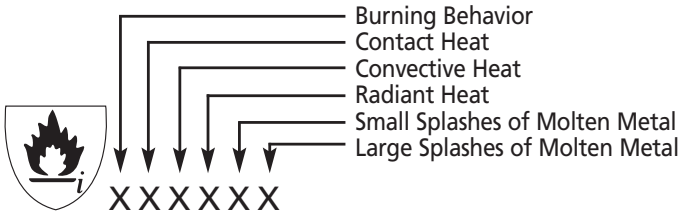
OZ RANGE	HEAT RANGE*	STYLE NUMBERS
20oz – 24 oz	Up to 300°F	Y6243, Y6244
30oz – 32 oz	Up to 400°F	Y6301, Y6302

**Approximate degree of heat resistance. The degree of heat resistance a glove may offer is directly related to the duration of exposure and weight of the object being handled.*

CE STANDARDS
Heat and Fire EN 407

407 tests	Level of Performance	1	2	3	4
Resistance to flamability: Time during which the material keeps burning and consuming itself after the ignition source has been removed.	Time in seconds	≤ 20	≤ 10	≤ 3	≤ 2
Resistance to contact heat: Temperature (in the range 100°C to 500°C) at which the average person wears the glove and does not feel any pain (for a period at least equal to 15 seconds).	Time at 15 seconds (if ≥)	100°C	250°C	350°C	500°C
Resistance to convective heat: Time for the temperature to rise (75+3) °F.	Time in seconds	≥ 4	≥ 7	≥ 10	≥18
Resistance to radiant heat: Time to reach a heat flux of 2.5kW/m2 on the back of the specimen.	Time in seconds	≥ 5	≥ 30	≥ 90	≥150
Resistance to small drops of molten metal: Quantity of drops to raise the temperature by 104 °F.	Number of droplets	≥ 5	≥ 15	≥ 25	≥35
Resistance to molten metal splash: Quantity of molten metal just below the threshold of causing damage to artificial skin.	Weight in grams	≥ 30	≥ 60	≥ 120	≥200

Heat and Fire EN 407



HEAT RESISTANT GLOVE CHART										
Part Number	X Hvy Wgt	Hvy Wgt	Std Wgt	Eco Wgt	Safety Cuff	Gaunt Cuff	Cont. Knit	Knit Wrist	5 (+) Seconds	Max Temp
1666			X					X	250°F	300°F
1966		X						X	300°F	350°F
2610							X		400°F	500°F
2636		X					X		400°F	425°F
305KWL		X					X		600°F	700°F
320	X				X				400°F	460°F
422-11			X			X			200°F	250°F
422-5			X			X			200°F	250°F
625		X				X			600°F	700°F
628FR		X				X			200°F	250°F
636HR	X					X			250°F	350°F
636HRL	X					X			400°F	450°F
636HRLFR	X					X			400°F	450°F
636KCL		X				X			600°F	700°F
637KWL						X			600°F	700°F
642HR	X							X	275°F	350°F
644HR	X				X				250°F	350°F
644HRL	X				X				400°F	450°F
666		X						X	250°F	325°F
682		X				X			250°F	325°F
765		X						X	250°F	325°F
766		X						X	250°F	325°F
9000			X					X	175°F	200°F
9001			X					X	175°F	200°F
B-PAD	X								450°F	460°F
G-PAD	X								450°F	460°F
H-160	X								225°F	325°F
H-183	X								225°F	325°F
M937HRL	X					X			400°F	450°F
Y6243			X		X				200°F	300°F
Y6244			X			X			200°F	300°F
Y6301		X			X				300°F	400°F
Y6302		X				X			300°F	400°F
Y946	X					X			275°F	350°F

palm dips

Wells Lamont Industrial works with the best engineered glove technologies available on today's market to create our palm dip product line. Our company uses several different types of coating to address specific work-related hand protection issues. The variety of palm coating materials that we use include: nitrile, latex, polyurethane, foam nitrile. The material content of the glove's shell and sandy nitrile also depends on the style selection that is chosen for industry-related use.

The **palm dip advantage** allows you to have greater dexterity and provides a heightened level of tactile sensation. It also improves gripping capabilities, while the glove's shell with open back creates a breathable surface for the back of the hand. This increases the circulation of air, ensuring greater comfort while wearing the product.

Kevlar®/Lycra® palm coated gloves provide a snug, natural fit. The **DuPont® Kevlar** shell protects against cuts, slashes and abrasions. A **synthetic** knit shell will increase the levels of dexterity and allow for greater air circulation.

The unique properties created by a glove shell composed of **high performance polyethylene fibers (HPPE)** provides a great balance between exceptional comfort, dexterity and cut resistance. The amount of resistance to snags and abrasions increases when **Kevlar** palm dip gloves are used for applications requiring greater protection from sharp edges. The **poly/cotton** palm dip gloves provide increased comfort and flexibility. The overall palm dip advantage enhances gripping capabilities, while still providing excellent manual dexterity and resistance to punctures.

The glove construction also conforms better to the hand. All of our palm dip products are made with a knit wrist, keeping dirt and debris from penetrating the glove. Most styles are available in a dark color, which conceals grime, improving the usage cycle of the glove. Our palm dip products will help you get a grip on challenges, large or small.

FlexTech™ GUARD TEC® by Wells Lamont VIS-TECH by Wells Lamont

contents

FlexTech™ Series:
HPPE, Kevlar®, Poly/Cotton Palm Dip Gloves

Sandy Nitrile Palm
- Machine knit cut resistant shell provides all-day comfort and protection
- Sandy nitrile palm coating delivers improved grip in wet and oily applications
- ANSI Cut Level A7

Y9216, Sizes XS-XXL

Hi-Vis Cooling Fibers
- Blend of high performance and cooling fibers ensures comfort in warmer work environments
- Sandy nitrile palm provides excellent grip in wet and oily environments
- Hi-visibility color improves awareness
- Reinforced thumb crotch provides an extra layer of protection between thumb and forefinger, while providing extended wear
- ANSI Level 4 abrasion for longer life
- ANSI Cut Level A4

Y9236, Sizes XS-XXL

Hi-Vis Synthetic Knit with Latex Palm
- Hi-Vis green synthetic knit shell
- Latex palm provides outstanding grip
- The thermal version features an additional brushed fleece lining
- ANSI A3

Y9239, Sizes S-XL
Y9239T, Thermal Version, Sizes M-XXL

HPPE Shell with PU Palm
- White high performance polyethylene fibers (HPPE) with white polyurethane palm coating
- Provides the best balance of comfort, dexterity, cut resistance & tactile sensitivity
- Lint free multifilament yarn is light weight yet 15x stronger than steel and provides resistance to abrasion, moisture & chemicals
- Palm coating provides excellent grip
- ANSI Level 2

Y9266, Sizes XS-XL

HPPE Shell with PU Palm
- FlexTech high performance polyethylene fibers (HPPE) and gray nylon blend with gray palm coating
- Provides a good balance of comfort, dexterity and cut resistance
- Polyurethane palm coating provides excellent grip and tactility
- Launderable for a longer wear life
- ANSI A2

Y9265, Sizes XXS-XXL
Y9275, Economy, Sizes XS-XXL

Y9216

Y9236


Y9266

Y9239

Y9239T

Y9265

Y9275

NOTE: All palm dip gloves are sold by the dozen pair.

Y9256

Y9287

Y9277

Y9279

Y9249

Y9259

Y9243

Y9240-VP

NOTE: All palm dip gloves are sold by the dozen pair.

FlexTech™ Series:
HPPE, Kevlar®, Poly/Cotton Palm Dip Gloves

Kevlar Shell with Foam Nitrile Palm
- Light weight stretch Kevlar with black foam nitrile palm coating
- Stretchy Kevlar/Lycra® blend provides high level of dexterity and comfort
- Foam nitrile palm provides excellent grip and resistance to snags and abrasions
- ANSI A2

Y9256, Sizes XS-XXL

Synthetic Knit Shell with PU Palm
- Charcoal gray nylon (Y9277) or polyester (Y9279) with gray polyurethane palm coating which provides excellent grip and tactility
- Gray fibers hide dirt and grime
- ANSI A1

Y9277, Sizes XXS-XXL
Y9279, Economy, Sizes XS-XXL

Synthetic Knit Shell with PU Palm
- Black synthetic knit shell with gray polyurethane palm coating which provides excellent grip and tactility
- Black fibers hide dirt and grime
- ANSI A1

Y9287, Sizes XS-XXL

Synthetic Knit Shell with Foam Nitrile Palm
- White or gray light weight synthetic knit shell with foam nitrile palm coating
- Foam nitrile palm provides excellent grip and resistance to snags and abrasions
- Ideal for dry and slightly oily applications
- ANSI A1

Y9249, Black Shell with Black Foam Nitrile Coating, Sizes XS-XXL
Y9259, White Shell with Gray Foam Nitrile Coating, Sizes XS-XL

Poly/Cotton Shell with Latex Palm
- Gray or white polyester/cotton string knit shell with blue latex palm coating
- Latex coating offers superior grip and abrasion and puncture resistance
- Gray color in Y9240-VP conceals dirt

Y9240-VP, Gray, Sizes XS-XL
Y9243, White (economy version), Sizes S-XL

FlexTech™ Series:
Double Coated Palm Dip Gloves
Extra Layer of Protection

Synthetic Knit Shell with Full NBR Coating and Nitrile Palm
- Light weight synthetic knit shell
- Sandy nitrile coated palm and fingertips affords excellent gripping
- Full NBR coating provides an extra layer of protection against liquids
- Offers great flexibility and dexterity
- ANSI A1

Y9289, Sizes XS-XXL

Y9289

Knit Shell with Full NBR Coating and Nitrile Palm
- Lightweight cut resistant knit shell
- Sandy nitrile coated palm and fingertips affords excellent gripping
- Full NBR coating provides an extra layer of protection against liquids
- Liquid resistant
- ANSI level 4

Y9290, Sizes S-XXL

Y9290

GuardTec® Series:
Cut Resistant Palm Dip Gloves

GuardTec4 with Sandy Nitrile Palm
- Features patented GuardTec yarn technology, using high cut-resistance fiber that provides protection from lacerations and superior resistance against cuts
- Unique foam sandy nitrile palm coating provides excellent grip in wet and oily environment
- Great dexterity and outstanding fit
- Dark colored shell conceals dirt and grime
- ANSI Level 4

Y9288, Sizes S-XL

Y9288

GuardTec3 with PU Palm
- Features patented GuardTec yarn technology, using high cut-resistance fiber that provides protection from lacerations and superior resistance against cuts
- PU palm coating for grip and abrasion resistance
- Outstanding fit and comfort
- Dark colored shell conceals dirt and grime
- Knit wrist construction prevents dirt and debris from entering the glove
- ANSI Level 3

Y9284, Sizes S-XXL

Y9284

NOTE: All palm dip gloves are sold by the dozen pair.

Y9286

Y9282

Y9282HV

Y9294

Y9296

GuardTec® Series:
Cut Resistant Palm Dip Gloves

GuardTec³ with Sandy Nitrile Palm

- Features patented GuardTec yarn technology, using high cut-resistance fiber that provides protection from lacerations and superior resistance against cuts
- Unique foam sandy nitrile palm coating technology offers easy grip for wet and oily parts
- Dark colored shell conceals dirt and grime
- ANSI Level 3

Y9286, Sizes XS-XXL

GuardTec³ with Foam Latex Palm

- Features patented GuardTec yarn technology, using high cut-resistance fiber that provides protection from lacerations and superior resistance against cuts
- Unique foam latex palm coating provides ergonomic benefit of easy grip
- Outstanding fit and comfort
- Available with a gray or hi-vis orange shell
- Knit wrist construction prevents dirt and debris from entering the glove
- ANSI A3

Y9282, Sizes S-XL
Y9282HV, Hi-Vis, Sizes XS-XXL

Vis-Tec™ Series:
Cut Resistant Palm Dip Gloves

Vis-Tech™ with Polyurethane or Nitrile Palm

- Hi-vis cut resistant shell delivers outstanding comfort, flexibility and protection
- Polyurethane (PU) palm coating (Y9294) is thin, flexible and perfect for handling small parts
- Sandy nitrile palm coating (Y9296) offers improved grip in wet and oily applications
- ANSI Cut Level A4

Y9294, Sizes XS-XXL
Y9296, Sizes XS-XXL

PALM DIP GLOVE CHART

Part Number	HPPE Shell	GuardTec® Shell	Synthetic Knit Shell	Kevlar Shell	Poly & Cotton Shell	P/U Palm Coating	Foam Nitrile Palm Coating	Nitrile Palm Coating	Latex Palm Coating	Full Nitrile Coating
Y9216	X									
Y9236	X							X		
Y9290	X							X		X
Y9239			X						X	
Y9239T			X						X	
Y9266	X					X				
Y9265	X					X				
Y9275	X					X				
Y9256				X			X			
Y9277			X			X				
Y9279			X			X				
Y9287			X			X				
Y9249			X				X			
Y9259			X				X			
Y9289			X					X		X
Y9240-VP					X				X	
Y9243					X				X	
Y9282		X							X	
Y9282HV		X							X	
Y9284		X				X				
Y9286		X						X		
Y9288		X						X		
Y9294	X					X				
Y9296	X							X		

Chemical Chart

Chemical Name	Nitrile		Unsupported Neoprene		PVC		Natural Rubber	
	Degradation	Permeation	Degradation	Permeation	Degradation	Permeation	Degradation	Permeation
Acetaldehyde	P	N/A	E	F	NR	N/A	E	F
Acetic Acid	G	N/A	E	N/A	F	N/A	E	N/A
Acetone	NR	N/A	E	F	NR	N/A	E	F
Acetonitrile	F	F	E	G	NR	N/A	E	VG
Acrylic Acid	G	N/A	E	N/A	NR	N/A	E	N/A
Ally Alcohol	F	F	E	VG	P	G	E	VG
Ammonium Hydroxide	E	N/A	E	N/A	E	N/A	E	N/A
Amyl Acetate	E	G	NR	N/A	P	N/A	NR	N/A
Amyl Alcohol	E	E	E	VG	G	E	E	VG
Aniline	NR	N/A	E	P	F	VG	E	VG
Aqua Regia	F	N/A	G	N/A	G	N/A	NR	N/A
Benzaldehyde	NR	N/A	NR	N/A	NR	N/A	G	VG
Benzene Benzol	P	N/A	NR	N/A	NR	N/A	NR	N/A
Benzotrichloride	E	E	NR	N/A	N/A	N/A	NR	N/A
Benzotrifluoride	E	G	F	N/A	G	F	P	G
Bromine Water	E	E	E	E	N/A	N/A	N/A	N/A
Bromopropionic Acid	F	N/A	E	N/A	G	N/A	E	N/A
Butyl Acetate	F	F	NR	N/A	NR	N/A	NR	N/A
Butyl Alcohol	E	E	E	VG	G	VG	E	VG
Butyl Carbitol	E	E	G	F	E	VG	E	G
Butyl Cellosolve	E	VG	E	F	P	N/A	E	G
Gamma-Butyrolactone	NR	N/A	E	F	NR	N/A	E	G
Cafbon Disulfide	G	F	NR	N/A	NR	N/A	NR	N/A
Carbon Tetrachloride	G	G	NR	N/A	F	F	NR	N/A
Cellosolve Acetate	F	G	E	P	NR	N/A	E	G
Cellosolve Solvent	G	G	E	F	P	N/A	E	VG
Chloronaphthalene	P	N/A	NR	N/A	NR	N/A	NR	N/A
Ortho-Chlorotoluene	G	G	NR	N/A	F	N/A	NR	N/A
Chromic Acid 50%	F	N/A	NR	N/A	G	N/A	NR	N/A
Citric Acid 10%	E	N/A	E	N/A	E	N/A	E	N/A
Cyclohexanol	E	E	E	VG	E	E	E	G
Cyclohexanone	F	G	P	N/A	NR	N/A	P	N/A
Diacetone Alcohol	G	E	E	G	NR	N/A	E	VG
Dibutyl Phtalate	G	E	F	F	NR	N/A	E	N/A
Diethylamine	F	F	P	N/A	NR	N/A	NR	N/A
Dimethyl Sulfoxide	E	VG	E	G	NR	N/A	E	E
Dioxane	NR	N/A	NR	N/A	NR	N/A	F	F
Electroless Copper	E	N/A	E	N/A	E	N/A	E	N/A
Epichlorohydrin	NR	NR	P	N/A	NR	NR	E	F
Ethyl Acetate	NR	N/A	F	P	NR	N/A	G	F
Ethyl Alcohol	E	VG	E	VG	G	VG	E	VG
Ethylene Glycol	E	E	E	N/A	E	E	E	E
Ethyl Ether	E	G	F	P	NR	N/A	NR	N/A
Formaldehyde	E	E	E	G	E	VG	E	G
Formic Acid, 90%	F	N/A	E	N/A	E	N/A	E	N/A
Furfural	NR	E	P	N/A	NR	NR	E	VG
Freon TF	E	E	E	E	NR	NR	NR	NR
Gasoline	E	E	NR	N/A	P	N/A	NR	N/A
Hexane	E	E	E	F	NR	N/A	NR	N/A
Hydrochloric Acid, 37% (Concentrate)	E	N/A	E	N/A	E	N/A	E	N/A

Chemical Name	Nitrile		Unsupported Neoprene		PVC		Natural Rubber	
	Degradation	Permeation	Degradation	Permeation	Degradation	Permeation	Degradation	Permeation
Hydrombromic Acid	E	E	E	N/A	E	E	E	E
Hydrochloric Acid 10%	E	N/A	E	N/A	E	N/A	E	N/A
Hydrofluoric Acid 48%	E	N/A	E	N/A	G	N/A	E	N/A
Hydrogen Peroxide	E	N/A	E	N/A	E	N/A	E	N/A
Isobutyl Alcohol	E	E	E	E	F	VG	E	VG
Isooctane	E	E	E	VG	P	N/A	NR	NR
Isopropyl Alcohol	E	E	E	E	G	E	E	VG
Kerosene	E	E	E	P	F	E	NR	N/A
Lactic Acid	E	E	E	N/A	E	E	E	N/A
Methyl Alcohol	E	VG	E	G	G	G	E	VG
Methyl Ethyl Ketone	NR	N/A	P	N/A	NR	N/A	F	F
Methylamine, 40%	E	E	E	G	E	VG	E	VG
Mineral Oils	E	E	E	F	F	VG	NR	N/A
Monoethanolamine	E	E	E	E	E	E	E	E
Morpholine	NR	NR	P	N/A	NR	NR	G	G
Naphtha	E	E	G	F	F	VG	NR	N/A
Nitric Acid 10%	E	N/A	E	N/A	G	N/A	G	N/A
Nitric Acid 70%	NR	N/A	E	N/A	F	N/A	NR	N/A
Nitrobenzene	NR	N/A	NR	N/A	NR	N/A	F	G
Nitromethane	F	F	E	G	P	N/A	E	G
Octyl Alcohol	E	E	E	E	F	E	E	VG
Oleic Acid	E	E	F	G	F	VG	F	N/A
n-Pentane	E	E	G	G	NR	NR	P	N/A
Perchloroethylene	G	VG	NR	N/A	NR	N/A	NR	N/A
Phenol, 90%	NR	NR	E	G	G	VG	E	N/A
Phosphoric Acid	E	N/A	G	N/A	G	N/A	F	N/A
Potassium Hydroxide 50%	E	N/A	E	N/A	E	N/A	E	N/A
Sodium Hydroxide 50%	E	N/A	E	N/A	G	N/A	E	N/A
Stoddard Solven	E	E	E	G	F	G	NR	NR
Sulfuric Acid 95%	NR	N/A	F	N/A	G	N/A	NR	N/A
Tetrahydrofuran	NR	N/A	NR	N/A	NR	N/A	NR	N/A
Toluene	F	F	NR	N/A	NR	N/A	NR	N/A
Toluene Diisocyanate (TDI)	NR	NR	NR	NR	P	N/A	G	G
Tricresyl Phosphate (TCP)	E	E	F	F	F	E	E	E
Triethanolamine 85%	E	E	E	G	E	E	G	E
Turpentine	E	E	NR	N/A	P	N/A	NR	N/A
Vinyl Acetate	F	F	N/A	N/A	N/A	N/A	N/A	N/A
Weed Killer	E	N/A	E	N/A	E	N/A	NR	N/A
Wood Preservative	E	N/A	F	N/A	F	N/A	NR	N/A

Key: E - excellent, VG - very good, G - good, F - fair, P - poor, NR - not rated, N/A - not available

Physical Performance Data

Glove Type	Neoprene Coated	Latex Coated	PVC Coated	PVC Textured	Nitrile Coated	Neoprene	Nitrile	Latex	Vinyl
Abrasion Resistance	F	F	E	E	E	G	E	E	F
Heat Resistance	E	F	F	F	E	E	E	F	P
Cut Resistance	E	E	G	G	E	G	F	G	P
Puncture Resistance	E	E	G	G	E	P	P	G	P
Tear Resistance	-	-	-	-	-	G	G	-	F
Ozone Resistance	E	G	E	G	G	E	G	G	E
Flexibility	G	G	F	G	E	E	E	G	E
Elongation	-	-	-	-	-	E	G	-	F
Grip	G	G	E	E	E	E	G	E	F

Key: E - excellent, G - good, F - fair, P - poor

Coated Glove Quick Reference Guide

Glove Material	Temperature Range	Protects Against
Natural Rubber (Latex)	0° to 300°F -17° to 150°C	All water soluble liquids such as Acetones, Alcohols and Refrigerants and Ketones.
Polyvinyl Chloride (PVC)	-30° to 212°F -34° to 100°C	Acids, Caustics, Fertilizers, Hydrocarbons, Machine Oil, Transmission Fluids
Nitrile	25° to 300°F -4° to 150°C	Acids, Caustics, Grease, Machine Oil, Petroleum and Petro-Based Transmission Fluids
Polyurethane (PU)	-115° to 215°F -81° to 100°C	Caustics, Fats, Fertilizers, Grease, Machine Oil and Petroleum

Note: This chart provides guidelines for choosing chemical resistant gloves. A glove professional should be consulted to help evaluate other factors that influence resistance

critical environment

Wells Lamont Industrial works with the best engineered glove technologies available on today's market to create our critical environment (CE) product line. Critical environment gloves are uniquely designed to provide hand protection, while simultaneously protecting the product you are handling as well.

Cut Resistant Liners

These liners offer additional cut protection when worn underneath another glove. They can also be worn by people with latex allergies. The liner creates a barrier between the hand and latex, reducing the incidence of allergic reactions. Our **Spec-Tec™** and **Scepter™** cut resistant liners also protect hands from prolonged exposure to latex and have a high level of tactile sensation. Spec-Tec styles are available in sterile and non-sterile and are ambidextrous.

Nylon Liners

We offer reusable and disposable nylon liners. They can be worn by people with latex allergies. The liner creates a barrier between the hand and latex, reducing the incidence of allergic reactions. Nylon liners can be worn in environments where latex glove use is required, without needing additional cut resistant properties.

Sterile Gloves

Sterilized gloves are used in controlled environments where prevention of contamination is needed. Each sterile glove comes in a sterile package that must be opened prior to wear. A Certificate of Conformance is included with each shipment, with an expiration date of 2 years noted on the packaging.

Our CE gloves also comply with industry regulations concerning gloves that are deemed appropriate for controlled environments. CE gloves and liners are often used to handle delicate parts. Our products are designed to help protect products from human residuals and skin oils. We also carry gloves that are lint-free and low-linting to better service the needs of specific customers. Most styles are also machine washable and resist shrinkage, increasing the usage cycle of the product, making them an economically sound choice.

Many of the products in this section have been manufactured in Philadelphia, Mississippi in accordance with the standard set for ISO 9001:2015.

Quality Certification Bureau Inc.

contents

Glove Liners & Inspection Gloves:
Extra protection where you need it

Highly Reusable Nylon Liner
- 100% continuous nylon filament makes this liner thin and comfortable
- Fully launderable up to 30 times without shrinkage, reducing cost of replacement and waste disposal
- Available in full and half finger lengths
- Ambidextrous
- Sold by the dozen pair

M005.WLC, Full Finger, Sizes S-XL
M006.WLC, Half Finger, Women's & Mens
M555, Full Finger, Sizes S- XL*
**Sold by the polybag; 20 pairs per polybag*

M555

M006

Reusable Knitted Nylon Liner
- Stretch nylon construction allows increased flexibility and comfort
- Form fitting nature is perfect for high dexterity applications
- Available in full and half finger lengths
- Ambidextrous
- Sold by the dozen pair

M088, Half Finger, One Size
M089, Full Finger, One Size

M088

M089

Inspection Cotton Liner
- Form fitting, 100% cotton, single use liner provides superior tactile sensitivity for small parts work
- Light weight
- Absorbs moisture
- Ambidextrous
- Sold by the dozen pair

Y6701, Men's, Women's

Y6701

MT130

M281

M214

M79

Cut Resistant Liners:
Extra protection where you need it

Touch Screen Cut Resistant Glove
- Patent pending yarn technology
- Ultra-lightweight and thin construction delivers superior tactile sensitivity
- Touchscreen compatible
- Ambidextrous
- ANSI Cut Level 4

MT130, Sizes XS-XL

Cut Resistant Liner
- Stainless steel and polyester construction provides cut and abrasion resistance
- Preserves tactile sensitivity
- Can be used as a glove liner or alone
- Light weight & launderable
- Black color conceals dirt
- ANSI Level 4
- Ambidextrous
- Sold by the dozen pair

M281, Sizes S-XL

Cut Resistant Liner
- Light weight, thin and highly reusable white glove liner
- Provides moderate cut resistance
- Sharp objects “slide” across surface without penetrating the glove
- Can be used as a glove liner or alone
- ANSI Level 2
- Ambidextrous
- Sold by the dozen pair

M214, Sizes XS-XL

Kevlar® Liner
- Light weight Kevlar® fibers offer minor cut resistance without compromising tactile sensitivity
- Low lint; economical choice
- ANSI Level 2
- Ambidextrous
- Sold by the dozen pair

M79, Sizes S-L

Non-Sterile Liners:
Light weight strength, high comfort

Scepter™
- Thin gauge stainless steel wrapped in polyester
- Launderable 15 times without shrinking
- Moderate tactile sensitivity
- Glove can be used as a liner
- ANSI A4
- Ambidextrous
- Sold by the box (10 pieces per box)

M121, Sizes XS-XXL

Medical Nylon Liner
- 100% continuous nylon filament creates an ideal barrier between hands and latex gloves
- Protects hands from prolonged exposure to latex, reducing incidence of latex allergies and adverse reactions
- Fully launderable up to 20 times without shrinking
- Ambidextrous
- Sold by the box (25 pieces per box)

M113, Ext.Cuff, Full Finger, Sizes S-L
M115, Reg. Cuff, Full Finger, Sizes S-L
M117, Reg. Cuff, Half Finger, Men's, Women's

Spec-Tec™ Stretch
- High performance fiber blended with Lycra® for stretch and reusability
- Up to 12 launderings without shrinking
- Good tactile sensitivity; ambidextrous
- ANSI A2
- Gloves are sold by the box (10 pieces per box)

M114, Non-Sterile, Sizes S-XL

M113

M121

M115

M117

M114

M321

M104

M102

Sterile Liners:
Light weight strength, high comfort

Scepter™

- Thin gauge stainless steel wrapped in polyester
- Launderable 15 times without shrinking
- Moderate tactile sensitivity
- ANSI A4
- Ambidextrous
- Sold by the box (20 pieces per box)

M321, Sizes S-XL

Spec-Tec™

- 100% high performance fiber construction provides cut resistance
- Excellent tactile sensitivity
- Full finger; ambidextrous
- ANSI Level 1
- Sold by the box (20 pieces per box)

M102, Sizes S-XL

Spec-Tec™ Stretch

- High performance fiber blended with Lycra® for stretch and reusability
- Up to 12 launderings without shrinking
- Good tactile sensitivity; ambidextrous
- ANSI A2
- Gloves are sold by the box (20 pieces per box)

M104, Sizes S-XL

CE GLOVE CHART						
Part Number	Reusable	Disposable	Sterile	Lint Free	Full Finger	Half Finger
MT130	X				X	
M005.WLC	X			X	X	
M006.WLC	X			X		X
M088	X			X		X
M089	X			X	X	
M102		X	X	X	X	
M104			X	X	X	
M113	X			X	X	
M114	X			X	X	
M115	X			X	X	
M117	X			X	X	
M121	X			X	X	
M214	X			X	X	
M281	X			X	X	
M321			X	X	X	
M555	X			X	X	
M79	X				X	
Y6701		X			X	

Nylon liners are ideal barriers between the hand and latex gloves in the following fields:

- **Clinical laboratories**
- **Infection control**
- **Long term care**
- **Anywhere people wear latex gloves and do not require cut protection**

Scepter™ and Spec-Tec™ liners provide cut resistance for:

- **Pathologists**
- **Coroners**
- **Orthopedic surgeons**
- **Hospital waste handlers**
- **Trauma surgeons**
- **General surgeons**

The application will influence whether a sterile or non-sterile product is needed. Also, the level of cut resistance needed will determine whether the Scepter™ or Spec-Tec™ glove is chosen for the job.

Contaminants

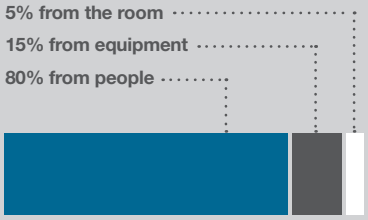
A contaminant is any substance or energy which adversely affects the product. There are four main groups of contaminants:

- **Particles** - usually carried on air currents, are called airborne contaminants. Particles are solid matter, such as human skin flakes, dust and fibers from clothing, particles from production materials or from tooling and equipment.
- **Microorganisms** such as bacteria can be extremely dangerous if they are allowed to contaminate medicines that will be administered to people who are injured or sick, or if they should contaminate food and cause poisoning.
- **Chemicals** can react with the product and cause changes to the formulation or destroy the product.
- **Electrostatic discharge** - energy given off by the human body. In some cases this discharge can be as high as 35,000 volts. Electrostatic charges are dangerous in two ways. First, the energy attracts particles and, as these particles colonize in one place, they cause particulate damage. Second, the discharge itself can cause severe damage to the product.

Description	Cotton	Poly	Nylon	Nylon Stretch	Nylon Stretch	Nylon HighStretch
Number of cycles	1	1	2-3	4-5	2-3	25-40
Particulate count	60,000 (highest)	←		→	(lowest) 400	
WLIG styles	Y6701				M089	M005
					M088	M555
						M006

Contamination control

- **Contamination control started during World War II at Los Alamos with the development of the atomic bomb and the requirement for controlling particulate contamination.**
- **During the development of the space program in the late 1950s and 1960s, problems with particulate contamination were identified and a research program was started.**
- **Research demonstrated that contamination came from three sources:**



general purpose

Wells Lamont Industrial produces a wide variety of general purpose gloves used in today's marketplace. Our company caters to the needs of several industries by servicing this market. We use different materials to knit these styles, including: jersey, string knits, and pvc gloves.

Jersey Knit

This knit fabric is primarily made on circular knitting machines. This gives it tremendous elasticity. The material also conforms to the hand, allowing for better dexterity and tactile sensitivity. The use of machine knit fabrics enhances the seamless construction of our general purpose gloves. It also increases the usage cycle for these gloves. Most of our general purpose gloves have a knit wrist or continuous knit, which keeps debris from penetrating the wrist area.

PVC

PVC liquid and chemical resistant gloves are manufactured using special, ergonomically designed hand forms, which contribute to a better overall fit to the hand. PVC gloves feature preflexed fingers for increased dexterity and comfort.

Cotton Liner & String Knit

String knit gloves have a continuous cuff that helps keep debris out. **String knits gloves** also conform the hand, increasing tactile sensitivity and comfort. For job applications requiring delicate handling we have cotton liners, which protect objects from fingerprints, scratches and dust.

This wide assortment of general purpose gloves provides industry fulfillment for numerous job applications and offers customers several choices.

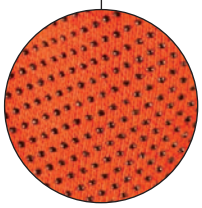
contents

Jersey Gloves:

High Visibility Jersey

- Hi-Vis orange color makes glove easily identifiable
- Jersey knit has a high level of elasticity, which allows the glove to conform to the hand
- Microdots on palm create greater gripping capabilities
- Knit wrist helps keep debris out
- Sold by the dozen pair
  Y7112, Size L

Y7112



Dots ensure better grip and longer wear

Regular Weight Brown Jersey

- Poly/cotton blend offers increased pliability and elasticity
- Knit wrist helps keep debris out
- Dark color helps conceal dirt, extending the wear life of the glove
- Clute cut
- Sold by the dozen pair
  Y7201, Sizes W and L

Y7201

Liquid Chemical:

PERM-RUFF Red PVC

- Full PVC coating protects from a wide range of hazardous chemicals
- PVC chip surface provides superior wet/oily grip
- Interlocked liner for easy laundering
- Sold by the dozen pair
  PR4100L, Knit Wrist, Size L
  PR4112L, 12” Gauntlet, Size L

PVC chip surface provides excellent grip under wet and/or oily conditions.

PR4100L

PR4112L

Y5010

Y1451

Y5080

Y6701

Cotton Liner & String Knits:

Polyester String Knit

- 100% polyester glove resists shrinkage, extending the glove's wear life
- Provides excellent thermal properties
- Continuous knit wrist secures fit and keeps dirt out
- Ambidextrous
- Sold by the dozen pair

Y5010, Sizes L and XL

Bleach White Poly/Cotton Blend

- Poly/cotton blend provides comfort and dexterity
- Bright, white color creates pristine look
- Ambidextrous
- Sold by the dozen pair

Y5080, Size L

Thermal Liner

- Combines comfort with thermal protection
- Wicks away moisture to keep hands warm
- Can be worn as a liner or alone
- Material composition allows quick drying
- One size fits all design conforms to your hand to provide a comfortable fit
- Ambidextrous

Y1451, One Size Fits All

Inspection Cotton Liner

- Form fitting, 100% cotton, single use liner provides superior tactile sensitivity for small parts work
- Light weight
- Absorbs moisture
- Ambidextrous
- Sold by the dozen pair

Y6701, Men's, Women's

Wrist Styles:

Continuous
Features: Glove construction is knit continuously from beginning to end of process, resulting in seamless construction.
Benefits: Secures the fit within the wrist area, keeping debris from easily penetrating the glove.

Safety Cuff
Features: General protection 2¼"-2½" cuff, sewn to the glove for extra wrist protection.
Benefits: Provides good protection for wrist area plus ease of movement. Allows air to circulate around hand.

Gauntlet
Features: An extended cuff, usually 4½" to 5" long or longer.
Benefits: Offers extra wrist and forearm protection, particularly from heat and lacerations.

Knit Wrist
Features: Seamless, stretchable rib knit tubing made into snug-fitting cuffs.
Benefits: Snug fit prevents dirt and debris from getting inside glove. Keeps cold air out and warmth in by fitting under clothing sleeves.

Slip-On
Features: Glove constructed without a cuff. Glove material extends down over the wrist area.
Benefits: Gloves slip on and off easily. Primarily used in driver's or general purpose gloves

Band Top
Features: A band of material, usually 2½" in width, sewn to the glove for light duty wrist protection.
Benefits: Allows air to circulate around the hand and uses less material for the construction of the wrist, making it economical

Glove Construction:

Clute Cut
Features: Seamless palm made from a continuous piece of material. Back of glove has parallel seams. Finger side seams are toward palm side of glove.
Benefits: Provides roomy fit, ease of movement and comfortable gripping. Primarily used in fabric gloves and light-weight leathers.

Gunn Cut
Features: Seamless back. On palm side, separate piece forms ring and middle fingers with seam at the base of the two fingers.
Benefits: Seam in natural hand crease allows flexibility; seamless back increases comfort. Finger seams away from palm increase gloves' durability and wear life.

Seamless
Features: The glove doesn't contain seams and the thumb is positioned perfectly on the side of the glove.
Benefits: The glove construction is more comfortable because it easily conforms to the hand.

Grip Patterns:

Rough Chip Finish
Features: Granulated PVC chip finish bonded to PVC glove.
Benefits: Premium grip when handling rough materials under dry or wet conditions.

Leather Palm
Features: Leather material is cut into the shape of a hand and sewn onto the palm-side of the glove.
Benefits: It increases the resistance against punctures and abrasions and provides greater gripping capabilities.

Dotted Finish
Features: Raised dots applied to the glove's surface area.
Benefits: The dotted pattern increases the gripping capabilities, while offering dexterity and keeping flexibility intact.

Thumb Styles:

Keystone Thumb
Features: A single piece of material sewn to form a thumb and then inset into a hole in the glove palm.
Benefits: Results in superior comfort and flexibility. A more expensive type of construction, excellent for leather driver gloves.

Wing Thumb
Features: Cut from the same piece of material as the palm. Extends to the side when glove is laid flat.
Benefits: No seam on the wear surface means thumbs move freely. Provides longer wear. Follows the natural shape of the hand for comfortable gripping.

Straight Thumb
Features: Cut as one piece with the palm, extending straight toward the wrist.
Benefits: Uses less material than the similar wing thumb, reducing cost of the glove. Primarily used in fabric gloves or in economy leather gloves

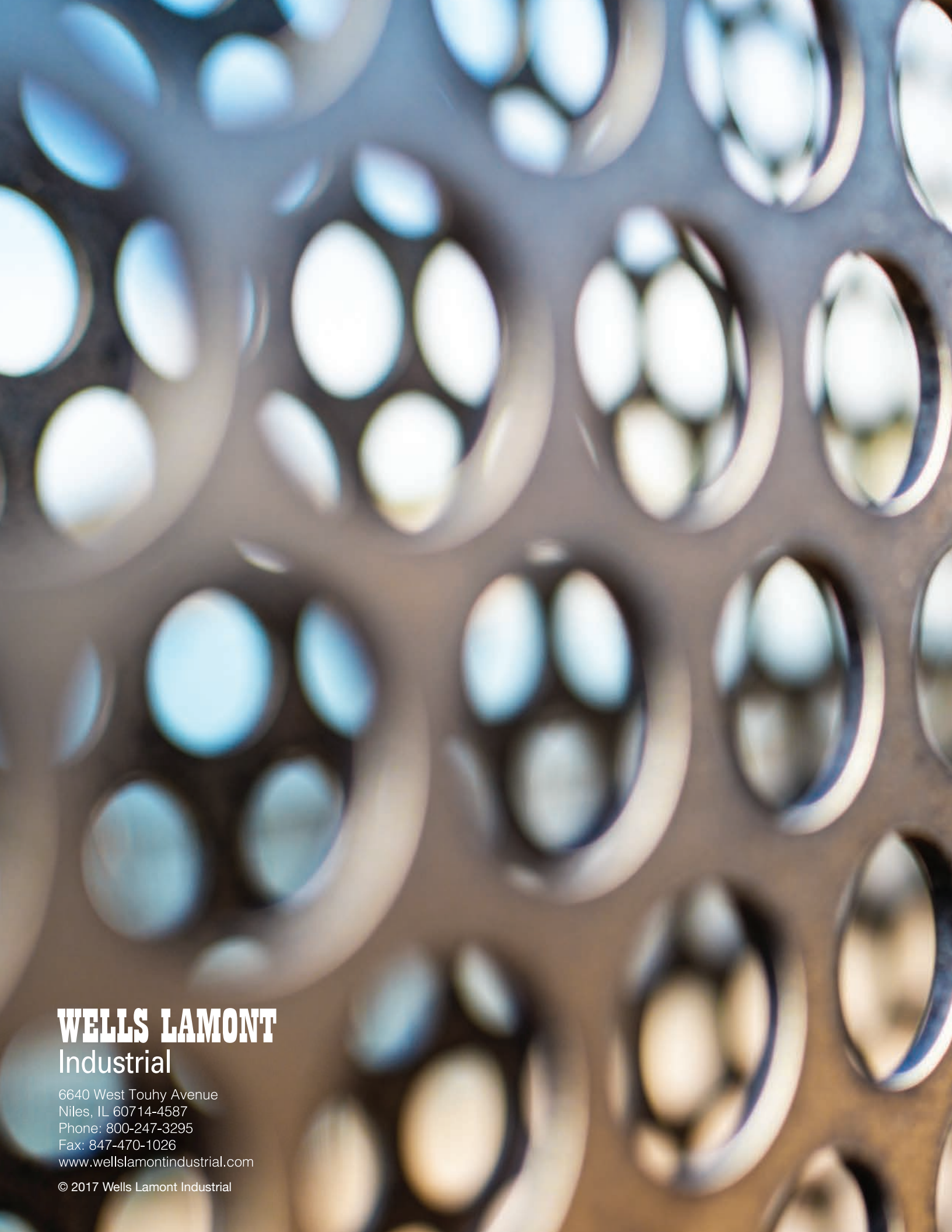
TERM:	DEFINITION:
Ambidextrous:	A seamless glove that can be worn on both the left and right hand.
ANSI:	Known as the American National Standards Institute. (ANSI) An institute that oversees the creation, promulgation and guidelines to assure the safety and health of consumers and the protection of the environment.
Antimicrobial:	A term referring to a treatment or substance that inhibits the growth of micro-organism/bacteria.
Aramid Fiber	Aramid fibers are a class of heat-resistant and strong synthetic fibers. Aramid fibers include: Kevlar and Twaron
ASTM:	An acronym that stands for the American Society for Testing Materials.
ASTM 1790	A test method force-distance testers to determine the cut resistance of a material when exposed to a cutting edge under specified loads.
Band Top:	A band of material, usually 2 1/4" in width, sewn to the glove for light duty wrist protection.
Canvas:	A firm closely woven cloth usually of linen, hemp, or cotton.
CE Standards:	Testing methods and standards created by the European Committee of Standardization.
Clute Cut:	Seamless palm made from a continuous piece of material. The back of the glove has parallel seams, the finger side seams are toward the palm side of the glove.
Composite Yarn:	Various combinations of stainless steel filament combined with high strength cut resistant fibers.
Cotton:	A soft fiber composed of the hairs surrounding the seeds of various erect freely branching tropical plants used to make apparel .
Cowhide:	The hide of a cow is used to make many leather goods, with good thermal properties and an attractive appearance.
CPPT	Cut Protection Performance Test (CPPT), measures the amount of force in grams for a razor sharp blade to make a 1" cut in the material.
Crinkle Finish:	Random raised pattern in natural latex unsupported gloves.
Deerskin:	The skin of a deer is naturally soft with a high level of tensile strength that provides warmth and dexterity.
Denier:	A unit of fineness for yarn equal to the fineness of a yarn weighing one gram for each 9000 meters.
EN388:	European standard that is applicable to all types of protective gloves regarding physical and mechanical stresses by abrasion, cutting by blade, puncture and tearing.
EN407:	European standard that specifies test methods for testing resistance to burning, contact heat, convective heat, radiant heat, drops of molten metal and molten metal splash.
Fleece:	A soft bulky deep-piled knitted or woven fabric used chiefly for clothing.
Flesh Split Leather:	The bottom layer of hide which is stiffer and heavier than the top layer, used mostly in leather palm styles.
Flock Liner:	Liner formed in unsupported glove by blowing snipped bits of soft bier into an adhesive coating inside the glove.
Foam Liner:	100% polyurethane foam has an excellent level of heat retention and low water absorption.
Gauntlet:	An extended cuff, at least 4 1/2" in length.
Goatskin:	The skin of a goat is used to make supple, pliable leather goods with a high level of natural lanolin content.
Grain Leather:	The smooth outer layer of the hide, which is the largest piece of leather on the animal and the best quality.
Gunn Cut:	Seamless back side of the glove. The palm has a separate piece which forms the ring and middle fingers with a seam at the base of the two fingers. The finger side seams are toward the back side of the glove.
Hotmill:	A heat resistant glove that withstands high heat temperatures, typically having two or three layers of material.
Interlock Liner:	Cotton knit liner without a napped side.
Jersey Liner:	Cotton knit jersey fabric sewn into the glove with nap (brushed side) out.
Jersey/Foam Liner:	A layer of polyurethane foam between the glove and the jersey fabric lining.
Jersey:	A plain weft-knitted fabric made of wool, cotton, nylon, rayon, or silk used to make gloves.
Jomac®:	A heat resistant glove that is a registered trademark of Wells Lamont.
Kevlar®:	An aramid fiber registered trademark of Dupont.
Keystone Thumb:	A single piece of material sewn to form a thumb, inset into a hole in the palm of the glove.
Knit Wrist:	Seamless, stretchable rib knit tubing sewn into the shape of a snug-fitting cuff.

TERM:	DEFINITION:
Lanolin	A fatty substance obtained from wool used as an ointment.
Latex/Natural Rubber:	A natural material used to protect against water soluble liquids, oils and fats.
Micro Plasma Welding:	Fusion bonding welding technique that produces smooth, hermetically sealed connections in metal mesh rings.
Multifilament Yarn:	Yarn composed of several continuous fiber filaments blended together.
Nap-in:	Canvas fabric containing a fleeced surface on one side, which is sewn inside the glove.
Nap-out:	Canvas fabric containing a fleeced surface on one side, which is sewn outside the glove.
Neoprene:	A material developed as an oil-resistant substitute for natural rubber that protects against a broad range of chemicals, including fertilizers, caustics, detergents and ketones.
Nitrile:	A material used as an alternative to latex that protects against oils, acids, greases and many petroleum based products. It is also three times stronger than latex.
Non-slip Finish:	Textured PVC coating on supported gloves.
Nylon:	Strong elastic synthetic polyamide materials that are fashioned into fibers, filaments, bristles, or sheets and used especially in textiles and plastics
Pigskin:	The skin of a pig is used to make leather goods that resist heat and abrasion and have good tensile strength.
Polartec®:	Brand of polyester fleece liner fabric, which is designed for maximum warmth.
Polyester:	A group of polymers that consist basically of repeated units of an ester and are used especially in making fibers or plastics.
Polyvinyl Chloride (PVC):	Also called PVC, a coating used to protect against a broad range of chemicals, including petroleum, acids, hydrocarbons, glycol ethers and caustics.
Rough Chip Finish:	Granulated PVC chip finish bonded to PVC glove.
Rough Finish:	Coated glove receiving a second dip into PVC compound.
Rubberized Cuff:	In safety and gauntlet cuffs, material is doubled up and bonded together with a special rubber-based adhesive coating in a process called duplexing.
Safety Cuff:	General protection 2 1/2" in length.
Select Shoulder Split:	Premium part of the hide that is used to make high quality leather goods.
Slip-on:	Glove constructed without a cuff. The glove material extends down over the wrist area.
Smooth Finish:	In coated gloves, a non-patterned, uniform PVC coated dip.
Spectra®:	An ultra-high-molecular-weight polyethylene fiber that is stronger and lighter than many commercial high-modulus fiber, registered trademark of Honeywell.
Straight Thumb:	Cut as one piece with the palm extending straight toward the wrist.
Terry cloth:	A cotton fabric with moisture-absorbing loop pile covering the entire surface on one or both sides.
Thinsulate™:	A trademarked highly insulated fabric made from polypropylene fibers used mostly to line apparel for greater thermal properties.
Vinyl:	A polymer of a vinyl compound or a product (as a resin or a textile fiber) made from such a polymer
Welting:	A thin piece of leather sewn into a seam toward the outside of a glove.
White Mule®:	A high-end, durable leather palm glove that is a registered trademark of Wells Lamont.
Whizard®:	A cut resistant glove that is a registered trademark of Wells Lamont Industry Group.
Wing Thumb:	Cut from the same piece of material as the palm, which extends to the side when the glove is laid flat.

Part Number	Description	Pg
135480	Defender 10, Standard	7
135481	Defender 10, Standard	7
135482	Defender 10, Standard	7
135484	Defender 7, Standard	7
135485	Defender 7, Standard	7
135486	Defender 7, Standard	7
135487	Defender 7, Standard	7
135488	Defender 7, Standard	7
135533	DB 10 Glove	8
135534	DB 10 Glove	8
135535	DB 10 Glove	8
135536	DB 10 Glove	8
135537	DB 10 Glove	8
135557	LN 13	7
135558	LN 13	7
135559	LN 13	7
135560	LN 13	7
135561	LN 13	7
135562	LN 13	7
135582	Defender 10, Standard	7
135587	Whizard Armguard Double Clip & Ring	14
135625	Defender 13, Standard	7
135639	LN 10	7
135640	LN 10	7
135641	LN 10	7
135642	LN 10	7
135643	LN 10	7
135644	LN 10	7
135647	LN 7	7
135648	LN 7	7
135649	LN 7	7
135650	LN 7	7
135651	LN 7	7
135652	LN 7	7
135658	Z40 Armguard	14
135672	DB 10 Extra Protection Glove	8
135673	DB 10 Extra Protection Glove	8
135674	DB 10 Extra Protection Glove	8
135675	DB 10 Extra Protection Glove	8
135721	LN 13	7
135730	LN 13	7
135823	LN 10	7
135824	VS 10, White	9
1666	Cotton Terry Cloth	41
1786	FR Terry Cut Glove	12
1800	Kevlar, Medium Weight	10
1810	Kevlar, Medium Weight	10
1878	Metalguard, Medium Weight	11
1880	Metalguard, Heavy Weight	11
1880_LP	Metalguard, Leather Palm	11
1881	Metalguard, PVC Dot	11
1882	Metalguard, Cotton Plaited	11
1885	Metalguard, Terry	12
1966	Heavy Weight Terry	41
224	White Mule, Leather Palm	21
229	White Mule, Leather Palm	21

Part Number	Description	Pg
2610	Kevlar/Nomex	38
2636	Heat Defier II, Terry Cloth	41
305KWL	Kevlar, Wool-Lined	38
320	Heatblok	39
333019	Handguard II, White	5
333021	Handguard II, White	5
333023	Handguard II, White	5
333025	Handguard II, White	5
333027	Handguard II, White	5
333368	Knifehandler, White Standard	6
333370	Knifehandler, White Standard	6
333372	Knifehandler, White Standard	6
333374	Knifehandler, White Standard	6
333376	Knifehandler, White Standard	6
333477	Whizard Armguard II Gray	14
333480	Whizard Armguard II Gray	14
333482	Whizard Armguard II Gray	14
333559	Whizard Armguard II White	14
333562	Whizard Armguard II White	14
333564	Whizard Armguard II White	14
422-5	KELKLAVE Autoclave Terry Cloth	40
422-11	KELKLAVE Autoclave Terry Cloth	40
625	Kevlar Gauntlet	38
628FR	Terry Cloth Welder	42
636HR	Terry Cloth	39
636HRLFR	Terry Cloth	39
636KCL	Kevlar, Cotton Lined	38
637KWL	Kevlar Double Lined	38
642HR	Terry Cloth	40
644HRL	Terry Cloth	39
682	Terry Cloth	40
765	Terry Cloth	40
7700	Mechpro, Basic	30
7701	Mechpro	30
7750	Mechpro, Insulated	30
7760	MechPro Waterproof	31
7790	Mechpro, Grip	31
9000	Cotton/Kevlar	41
962	Leather Driver	18
AD-14	All Day Sleeve	13
AD-18	All Day Sleeve	13
AD-18H	All Day Sleeve, Thumb Hole	13
AD-24	All Day Sleeve	13
AD-24H	All Day Sleeve, Thumb Hole	13
B-PAD	Baker Pad	42
CM030000	Stainless Steel, Hand Glove	4
CM030001	Stainless Steel, Hand Glove	4
CM030002	Stainless Steel, Hand Glove	4
CM030003	Stainless Steel, Hand Glove	4
CM030004	Stainless Steel, Hand Glove	4
CM030005	Stainless Steel, Hand Glove	4
CM030006	Stainless Steel, Hand Glove	4
CM030500	Stainless Steel, 2" Cuff	4
CM030501	Stainless Steel, 2" Cuff	4
CM030502	Stainless Steel, 2" Cuff	4
CM030503	Stainless Steel, 2" Cuff	4

Part Number	Description	Pg
Y5858	Cut-Tec, Ultra Light Weight	9
Y6243	Hot Mill	43
Y6301	Hot Mill	43
Y6302	Hot Mill	43
Y6701	Cotton Inspection Glove	63
Y7112	Hi-Vis Jersey	63
Y7201	Poly/Cotton Jersey	63
Y7711	MechPro Plus	31
Y9216	Sandy Nitrile Palm	48
Y9236	Hi-Vis Cooling Fibers	48
Y9239	Hi-Vis Synthetic Knit, Nitrile Palm	48
Y9239T	Hi-Vis Synthetic Knit, Nitrile Palm, Thermal	48
Y9240-VP	Palm Dip, Latex Palm	49
Y9243	Palm Dip, Latex Palm	49
Y9249	Palm Dip, Foam Nitrile Palm	49
Y9256	Palm Dip, Foam Ntrile Palm	49
Y9259	Palm Dip, Foam Nitrile Palm	49
Y9265	Palm Dip, P/U Palm	48
Y9266	Palm Dip, P/U Palm	48
Y9275	Palm Dip, P/U Palm	49
Y9277	Palm Dip, P/U Palm	49
Y9279	Palm Dip, P/U Palm, Economy	49
Y9282	Palm Dip, GuardTec 3, Foam Latex Palm	51
Y9282HV	Palm Dip, GuardTec 3, Foam Latex Palm, Hi-Vis	51
Y9284	Palm Dip, GuardTec 3, P/U Palm	50
Y9286	Palm Dip, GuardTec 3, Sandy Nitrile Palm	51
Y9287	Palm Dip, P/U Palm	49
Y9288	Palm Dip, GuardTec 4, Sandy Nitrile Palm	50
Y9289	Palm Dip, Full NBR Coating and Nitrile Palm	50
Y9290	Palm Dip, Full NBR Coating and Nitrile Palm	50
Y9294	Palm Dip, P/U Palm	51
Y9296	Palm Dip, Nitrile Palm	51
Y946	Terry Cloth	40



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