



Gloves



437801

Palm Coated Flat-Dip Nitrile with Sandy Foam Palm CE Cut Level 5

- Open back allows hands to breathe
- Knit wrist seals out dirt and particles
- Excellent tactile sensitivity and dexterity
- For highly abrasive and oily application use

**Aviation
Airport Metal Works**

**Railway/ Transit
Paper Mills**



437901

HPPE with PU Coated Palm & Fingers CE Cut Level 3

- Open back allows hands to breathe
- Knit wrist seals out dirt and particles
- Excellent tactile sensitivity and dexterity
- Polyurethane coated palm

**Machine Shop
Die Cast / Foundry
Carpet & Textile Manufacturing
Bottling Plant**

**Brick & Mortar
Concrete
Rock Quarry
Sheet Metal**



438001 (Size: L)

438002 (Size: XL)

Black Nylon Knit with Sandy Foam Nitrile Coated Palm Knit Wrist.

- Stretchable nylon shell for breathability & comfort
- Abrasion and slip resistant
- Use for highly abrasive and oily applications where cut resistance is not required.

**Tire
Sheet Metal
Machine Shop
Die Cast
Foundry**

**Aviation
Airport Metal Works
Waste Disposal
Recycling**



438101

Gray Nylon Shell with Gray PU Coated Palm & Fingers

- Polyurethane provides light to medium abrasion resistance
- Open back allows hands to breathe
- Knit wrist seals out dirt and particles
- Excellent dexterity and tactile sensitivity
- Use in general purpose for light abrasion & low oil applications

**Die Cast/ Foundry
Aviation/ Airport Metal Works
Equipment Rental
Carpet & Textile Manufacturing**

**Gas & Electric
Municipalities
Sheet Metal
Machine Shop**



437701

Poly/Cotton Bleached White String Knit

- Reversible for extended wear
- Seamless design provides a close comfortable fit
- Wear alone or as a glove liner for added protection
- Ribbed knit wrist seals out debris

Food Processing/ Poultry



437601

Cotton/Poly String Knit with Latex Coated Palm & Fingers

- Textured latex coated palm for superior grip
- Flexible knit wrist seals out dirt
- Ergonomic design reduces fatigue
- Breathable poly/cotton back
- Gives abrasion & puncture resistance

**Rock Quarry
Equipment Rental**

**Bottling Plant
Brick & Mortar/ Concrete**



437101

Premium Terry Lined Nylon

- Foam nitrile coating for exceptional grip
- Terry-lined nylon shell for warmth
- Abrasion & slip resistant
- Comfortable knit wrist seals out debris

Refrigeration



437201

Insulated Rubber-Dipped

- Premium heavyweight coated string knit
- Brushed acrylic shell for added warmth
- Textured latex palm for grip and extra wear
- Flexible knit wrist seals out dirt
- Ergonomic design
- Heavyweight shell and coating for extra wear

Refrigeration



437401

Cotton PVC Dotted Palm Knit Wrist

- High visibility orange PVC dotted palm and index finger for better grip and longer wear
- Constructed with heavy textured cord material
- Knit wrist seals out dirt and debris
- Clute cut design
- Canvas provides oil protection
- PVC dots give added grip
- Cost effective

Oil Petroleum Storage/Service/Transport



437301

Hot Mill Band Top Cuff

- Soft felt liner for comfort and heat protection
- Easy on/off stitched band top cuff design
- Wing thumb for comfort and dexterity
- Anti-contaminating no-nap cord material
- Repels oils and liquids
- Use when laundering, high abrasion & saturation are present

**Die Cast
Foundry**

**Machine Shop
Tire
Sheet Metal**



437501

Double Palm Canvas Knit Wrist

- 20 Ounce 2 ply quilted double palm for durability
- Nap out construction for longer wear
- Knit wrist seals out dirt and debris
- Clute cut design
- Double palm protects against abrasion & oil saturation
- Cost effective

Oil Petroleum Storage/Service/Transport



475601

Brown Jersey

- One size fits all
- Knit wrist, straight thumb, clute cut
- For use with general maintenance and material handling

General Purpose

Quality You Can Count On!



470901 (Size: L)
470902 (Size: XL)

Nitrile Disposable

- Provides light duty protection
- Resists many household detergents, hair coloring, paints and stains
- Stretch fit for flexibility
- Rolled cuff for easy removal
- Latex free

(Non-medical applications)

Housing Authority
Parks/ Recreation

Schools
Veterinary



438301 (Size: L)
438302 (Size: XL)
438303 (Size: XXL)

Orange Nitrile Disposable

- Diamond texture to increase gripping power
- Industrial Grade 8 mil Nitrile Chemical compound material
- Stretch fit for flexibility
- Beaded cuff
- Latex free

(Non-medical applications)

Auto Supply

Body Shop



476901

Latex Disposable

- Powder-free latex
- Industrial grade

General Purpose



436901 (Size: L)
436902 (Size: XL)

Nitrile Disposable Black

- Provides light duty protection
- Resists many household detergents, hair coloring, paints and stains
- Stretch fit for flexibility
- Rolled cuff for easy removal
- Latex free

(Non-medical applications)

Auto Supply

Body Shop



474601

Clear Vinyl Disposable

- Lightly powdered or powder free
- Durable moisture protection and excellent flexibility
- Rolled cuff

(Non-medical applications)

Nursing Homes/ Hospitals
Veterinary
Correctional Institutions

Hotels
Schools



437001

Disposable Polyethylene

- Great for food service
- Durable moisture protection and excellent flexibility

(Non-medical applications)

Correctional Institutions
Schools



438201

18" Neoprene Wet Grip Flannel Lined

- Abrasion and chemical resistant
- Actifresh® treated to reduce odor and germs
- Gauntlet cuff protects forearms
- Textured palm provides excellent grip on wet and dry surfaces
- Absorbent inner lining
- Repels liquids

Waste Water



436701

18" Fully Coated Black PVC

- Fully coated single dipped PVC
- Smooth texture provides good grip in dry environments
- Cotton lining for comfort
- Gauntlet cuff for wrist and forearm protection
- Repels liquids

Auto Supply

Body Shop



471301 (Size: L)

471302 (Size: XL)

Flock Lined Nitrile

- Excellent puncture resistance
- Textured gripping pattern for good traction
- Gauntlet cuff protects forearms

**Golf Course
Schools**

**Correctional
Institutions**



436801

Unlined Nitrile

- Excellent puncture resistance
- Textured gripping pattern for good traction
- Gauntlet cuff protects forearms

Poultry/ Food Processing

Quality You Can Count On!



475701

Long Sleeve Neoprene Lined

- Chemical resistant to chlorinated solvents, inorganic acids, oils, greases, petroleum products, and alkali solutions
- 30 Mil thickness, black, 15" long
- Flock lining and embossed grip
- Long sleeve for forearm protection

Auto Supply **Metal handling**
Photographic processing **Chemical handling**



470701

Orange Foam Lined PVC

- Double dipped PVC for added protection
- Actifresh® treated to reduce odor and germs
- Smooth texture for good grip in dry environments
- Gauntlet cuff for forearm protection
- Chemical and liquid resistant

Auto Supply/ Body Shop **Petroleum Service**
Trucking/ Fleets **Petroleum Storage**
Oil **Petroleum Transport**



436601

Flock Lined Orange Latex

- Flock lining provides comfort and absorbs moisture
- Diamond gripping pattern for traction
- Extended rolled cuff protects forearms

Poultry/ Food Processing



436501

Yellow Flock Lined Latex

- Flock lining provides comfort and absorbs moisture
- 12" Long cuff for extended protection
- Diamond gripping pattern for traction
- Use in cleaning applications
- Cost effective

Nursing Homes/ Hospitals **Housing Authority**
Veterinary **Parks/ Recreation**
Correctional Institutions **Schools**



413601 (Size:L)
413602 (Size:XL)
413603 (Size:2-XL)

Leather Work/ Driving

- Durable grain cowhide leather
- Keystone thumb for maximum mobility and comfort
- Open cuff with shirred elastic back for a secure fit
- Double stitched index finger for strength
- Good abrasion resistance
- Use for general purpose applications

Auto Supply/ Body Shop
Trucking/ Fleets
Dept. of Transportation
Railway/ Transit
Municipalities
Paper Mills
Waster Water
Parks/ Recreation

Oil
Petroleum Service
Petroleum Storage
Petroleum Transport
Ports
Housing Authority
Gas & Electric



471101

Knit Wrist Leather Palm

- Shoulder leather with leather fingertips
- Clute cut, straight thumb, and cotton-lined

General Purpose



436401

Double Leather Palm with Orange Safety Cuff

- Extra heavy double leather palm sewn inside for longer wear (no seams to catch & tear)
- Wing thumb for comfort and mobility
- Sewn with Kevlar® thread for durability of seams against heat & abrasion
- Shirred elastic back for a secure fit
- Heavy knuckle strap and reinforced fingertips
- Safety orange color provides added visibility
- Use for high abrasion & puncture resistance

Railway/ Transit
Paper Mills

Waste Disposal
Recycling



471201

Safety Cuff Leather Palm

- Full feature split leather palm
- Wing thumb for comfort and mobility
- Breathable cotton back for ventilation
- Shirred elastic wrist for a secure fit
- Rubberized safety cuff
- Good abrasion resistance

Housing Authority
Parks/ Recreation
Equipment Rental
Waste Water
Gas & Electric

Municipalities/ Ports
Railway/ Transit
Paper Mills
Waste Disposal/ Recycling
Dept. of Transportation

Quality You Can Count On!

Chemical Chart

The Chemical Resistance Chart is provided as a guide for qualified professionals who recommend, select, specify or otherwise determine the suitability of products for worker safety. As such, the Chemical Resistance Chart is advisory only. The suitability of a product for a specific application must be determined and tested by the purchaser.

Boss Manufacturing Company assumes no responsibility for the suitability of an end user's selection for a specific application.

Select the coating with the highest rating in the Physical Properties Chart below then check the Chemical Resistance Charts.

Key to Chart

E	Excellent	F	Fair
G	Good	P	Poor
-	Insufficient data		
NR	Not recommended		

CHEMICAL	NITRILE	NATURAL RUBBER	PVC	NEOPRENE
Acetaldehyde	F	F	F	E
Acetic Acid	G	G	G	E
Acetone	P	G	P	G
Acrylonitrile	P	F	P	P
Aluminum Chloride	E	E	E	E
Ammonium Fluoride 40%	E	E	E	E
Ammonium Hydroxide	F	G	E	E
Amyl Acetate	P	F	P	NR
Amyl Alcohol	G	G	G	E
Aniline	P	P	G	G
Animal Fats	E	P	G	E
Aqua Regia	F	G	G	G
Battery Acid	S	G	E	E
Benzaldehyde	P	F	F	NR
Benzene	F	P	P	NR
Benzyl Alcohol	P	P	-	E
Benzyl Chloride	P	P	-	P
Butane	E	P	P	E
Butyl Acetate	P	P	P	NR
Butyl Alcohol	E	E	G	E
Butyl Cellosolve*	E	E	-	E
Butyraldehyde	P	P	G	-
Calcium Hypochlorite	G	G	-	F
Carbolic Acid	P	P	-	F
Carbon Disulfide	G	NR	NR	NR
Carbon Tetrachloride	G	P	P	NR
Castor Oil	E	E	F	E
Cellosolve* Acetate	F	G	-	F
Cellosolve* Solvent	G	E	-	E
Chlorine (dry)	P	P	-	F
Chlorine (wet)	F	F	-	NR
Chloroacetone	P	P	-	G
Chlorobenzene	P	P	P	NR
Chloroform	P	P	P	NR
Chloronaphthalene	P	NR	NR	NR
Chlorothene* VG	F	NR	P	NR
Chromic Acid	P	P	G	NR
Citric Acid	E	E	E	E
Cottonseed Oil	E	P	G	G
Cresote	G	P	G	F
Cutting Oil	E	F	F	E
Cyclohexane	E	P	F	NR
Cyclohexanol	G	P	F	E
Diacetone Alcohol	P	P	P	G
Dibenzyl	P	P	-	NR
Dibutyl Phthalate	P	P	-	F
Diethylamine	F	F	F	P
Di-Isobutyl Ketone	P	G	P	P
Di-Isocyanate	G	P	F	P
Dimethyl Formamide	F	P	P	G
Dimethyl Sulfoxide, DMS O	E	E	F	E
Dioxane	P	P	P	NR
Dyestuff	S	E	E	E
Electroless Copper (MacDermid 9048)	E	E	E	E

CHEMICAL	NITRILE	NATURAL RUBBER	PVC	NEOPRENE
Electroless Nickel (MacDermid V60/61)	E	E	E	E
Epoxy Resins	E	E	E	E
Ethyl Acetate	P	P	P	E
Ethyl Alcohol	F	E	G	E
Ethyl Ether	F	P	P	E
Ethyl Formate	P	P	P	G
Ethylene Dichloride	P	P	P	NR
Ethylene Glycol	E	E	E	E
Ethylene Trichloride	P	P	-	NR
Fluorine	F	F	-	NR
Formaldehyde	F	F	G	E
Formic Acid 90%	F	E	E	E
Freon TF	E	NR	NR	G
Furfural	P	P	P	G
Gasoline	E	P	P	NR
Glycerin	E	E	F	E
Hexane	E	P	F	E
Hydraulic Fluid-Petroleum Base	E	P	G	G
Hydraulic Fluid-Ester Base	P	P	P	NR
Hydrazine 65%	E	G	E	E
Hydrobromic Acid	P	E	-	-
Hydrochloric Acid 38%	G	G	G	E
Hydrochloric Acid 10%	E	E	E	E
Hydrofluoric Acid 48%	F	F	F	E
Hydrogen Peroxide 30%	F	F	F	E
Hydroquinone	F	G	F	E
Insecticides	S	E	E	E
Isobutyl Alcohol	G	E	G	E
Iso-Octane	E	P	P	E
Isopropyl Alcohol	G	E	G	E
Kerosene	E	P	F	E
Lacquer Thinner	G	NR	F	F
Lactic Acid	E	E	G	E
Lard	E	P	-	F
Lauric Acid 36%/EtOH	E	G	F	E
Linoleic Acid	E	P	G	E
Linseed Oil	E	P	F	E
Lubricating Oils (Petroleum)	E	P	-	G
Maleic Acid	P	P	G	E
Methyl Acetate	P	P	-	G
Methyl Alcohol	E	E	E	E
Methyl Bromide	G	F	P	NR
Methyl Cellosolve	F	P	-	E
Methylene Chloride	P	P	P	NR
Methyl Ethyl Ketone (M.E.K.)	P	G	P	P
Methyl Formate	P	P	-	NR
Methyl Isobutyl Ketone	P	F	F	NR
Methylamine	F	F	F	E
Methyl Methacrylate	P	P	F	NR
Mineral Oil	E	P	F	G
Mineral Spirits, Rule 66	E	NR	F	G
Monoethanolamine	P	G	G	E
Morpholine	P	F	G	P
Muriatic Acid	G	G	G	G

PHYSICAL PROPERTIES	NITRILE	NATURAL RUBBER	PVC	NEOPRENE
Abrasion	F	G	G	G
Cut Resistance	E	E	P	E
Puncture (snag) Resistance	E	E	G	E
Flexibility	E	E	G	G
Heat Resistance	G	F	P	G
Ozone Resistance	F	P	E	E
Tensile Strength	E	E	F	E
Dry Grip	E	E	E	E
Wet Grip	G	E	E	F

NOTE: Products in these categories vary in capabilities. Laboratory tests are necessary for specific recommendations.

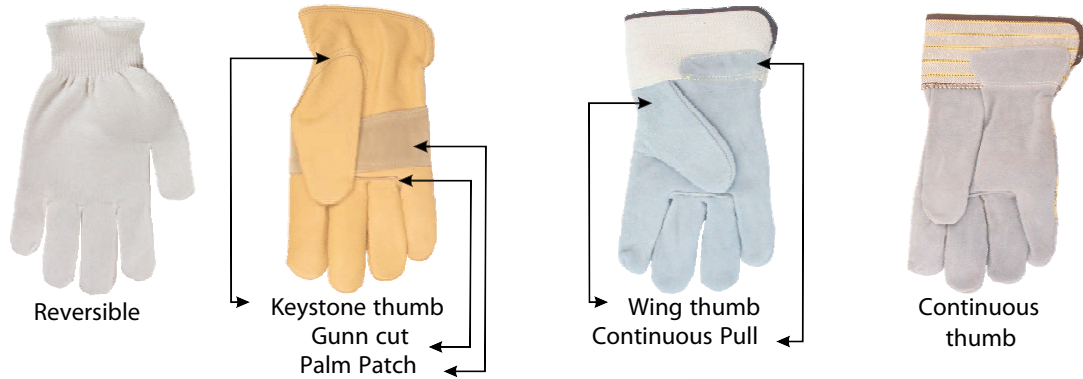
CHEMICAL	NITRILE	NATURAL RUBBER	PVC	NEOPRENE
Naphtha	E	P	P	G
Nitric Acid-Concentrated 70%	P	P	F	G
Nitric Acid-Diluted 10%	F	F	G	E
Nitric Acid-Red Fuming	P	P	P	NR
Nitric Acid-White Fuming	NR	NR	P	NR
Nitrobenzene	F	P	P	NR
Nitromethane	P	G	P	G
Nitropropane 95.5%	NR	E	NR	G
Octyl Alcohol	G	G	F	E
Oleic Acid	F	P	F	E
Olive Oil	E	P	F	G
Oxalic Acid	G	G	G	E
PCB's	F	P	P	-
Paint Remover	G	F	P	F
Palmitic Acid Saturated	G	G	G	E
Pentane	E	P	NR	E
Perchloric Acid 60%	P	P	P	E
Perchloroethylene	F	P	P	NR
Peuta	E	F	E	G
Phenol	P	P	G	E
Phosphoric Acid	G	G	P	E
Pickling Solution	P	P	G	F
Picric Acid	G	G	G	E
Pine Oil	G	P	F	P
Plating Solutions-Chrome	E	G	E	-
Potassium Hydroxide 50%	G	G	E	E
Printing Ink	E	G	F	E
Propane	E	P	F	E
Propyl Acetate	P	P	F	P
Propyl Alcohol	E	E	G	E
Propylene Oxide	P	P	-	NR
Rubber Solvent	E	NR	NR	G
Silicon Etch	NR	NR	F	G
Skydrol 500	P	P	P	NR
Sodium Hydroxide 50%	G	E	E	E
Sodium Hypochlorite	G	G	-	G
Soybean Oil	E	P	-	E
Stearic Acid	G	G	G	G
Stoddard Solvent	E	P	F	E
Styrene	P	P	P	NR
Sulfuric Acid (diluted)	G	G	G	G
Sulfuric Acid (conc.) 95%	P	P	F	F
Tannic Acid 65%	E	E	F	E
Tetrahydrofuran	P	P	P	NR
Toluene	F	P	P	NR
Toluene Di-Isocyanate	P	P	P	NR
Trichloroethylene	F	P	P	NR
Triethanolamine	F	G	G	E
Trinitrotoluene	P	P	F	G
Tung Oil	E	P	F	E
Turbine Oil	G	P	P	G
Turpentine	E	P	F	NR
Vegetable Oil	E	P	F	E
Vinyl Chloride	-	-	-	NR
Xylene	F	P	P	NR

Glove Description Terms

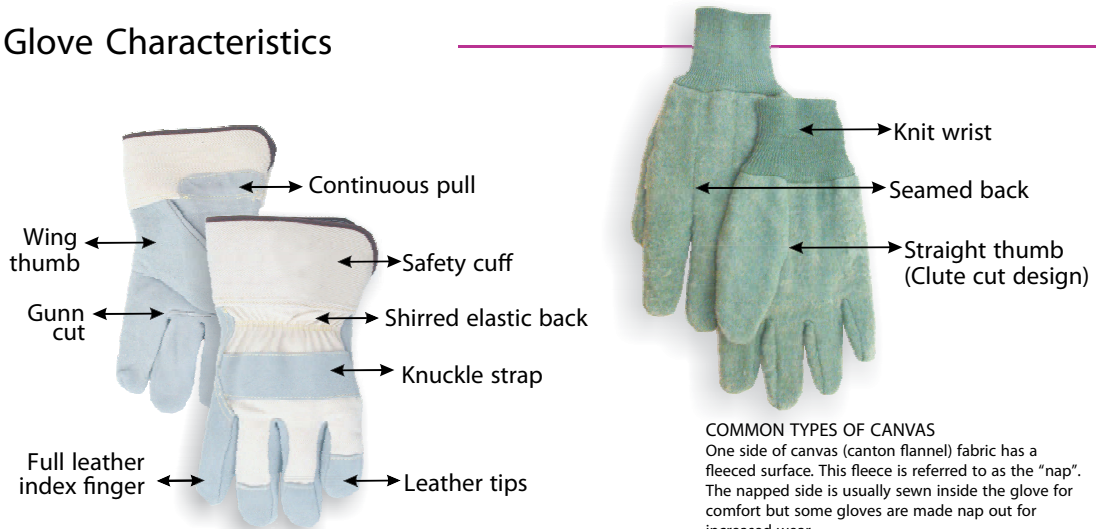
Cuff Styles



Thumb Styles



Glove Characteristics



COMMON TYPES OF CANVAS

One side of canvas (canton flannel) fabric has a fleeced surface. This fleece is referred to as the "nap". The napped side is usually sewn inside the glove for comfort but some gloves are made nap out for increased wear.

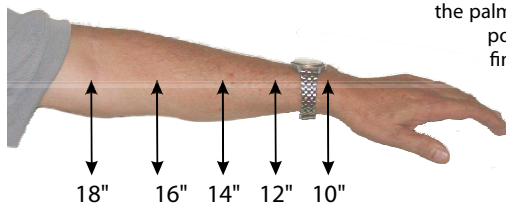
COMMON TYPES OF LEATHER

Side Split: Portion of hide that covers area of animal. More uniform than shoulder leather, has less imperfections such as scars, open (weak) fibers, more flexible.

Shoulder Split: Comes from shoulder and neck of hide. Fibers tend to be coarse and less uniform than side split, firmer, generally less flexible.

Grain Leather: Outermost layer of split that has been tanned with the smooth surface visible.

Glove size is double the palm at its widest point, parallel to finger crotches.



Small	7
Medium	8
Large	9
X-large	10

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