

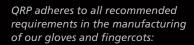
PROTECTING PEOPLE, PRODUCTS & PROCESSES WORLDWIDE™

Quality you expect. Reliability you can count on. Performance you require.



Founded in 1974, QRP, Incorporated is recognized worldwide as a leading producer and innovator of gloves and fingercots in a wide variety of applications. The Company emphasizes products for critical environments, including cleanrooms and ESD control. QRP has developed unique products for protection of employees against thermal extremes and against a wide array of chemicals. In addition to these highly specialized gloves and fingercots, QRP offers products for controlled environments and general use. All QRP products are engineered to the highest standards to increase process yields across a broad range of end uses.

www.QRPGloves.com



Governmental

FED-STD-209E Fed Test Method 101C Fed Test Method 191 Fed Spec A-A-50855A Fed Spec A-A-53134A Cal OSHA Title 8, Art. 10.1

<u>Military</u>

MIL-HDBK-263B MIL-G-82242C MIL-STD-168B MIL-STD-1246C

Nongovernmental ANSI/ASQC-Z1.4

ANSI/ESD SP15.1

ASTM:

D130, D257, D412, D573, D882, D991, D1353, D2420,

D3577, D3578, D3572,

D3772, D5250, D6319,

E595, F311, F312, F739

Title 21 CFR 170 –199

IEST-RP-CC005

NSF P155

ESD STM 11.11, 12

US Pharmacopoeia Nat.

Formulary XX and XXI







GENERAL PURPOSE

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CLEANROOM

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ESD & CHEMICAL INFO

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GENERAL PURPOSE APPLICATIONS









Biotek® **Premium Latex Glove**

- Lightly powdered or powder-free for wearer comfort.
- Textured for enhanced wet/dry grip.
- USDA compliant for food handling and processing.
- Non-slip beaded cuff for easy donning; resists rolldown.
- Safety exceeds ASTM D-3578.

609BP (Low Powder) Size: S-XL 9" Length, Ambi

609BPF (Powder-Free) Size: XS-XXL 9" Length, Ambi



Premium Nitrile Glove

- fingers and palms.

Size: XS-XXL, Ambi



Qualatex® Miracle Grip Polymer Coated Latex Glove

- Double polymer coated.
- 6 mil powder-free latex.
- Textured fingers and palm for enhanced wet/dry grip.
- Non-slip beaded cuff.
- Non-sterile.

MG09

Size: XS-XL 9" Length, Ambi

Qualatrile® Blue 5 mil

■ 3X puncture resistance of vinyl or

Premium Nitrile Glove

natural rubber latex gloves.

■ Naturally Anti-static, surface

■ Geogrip 360sm fully textured

resistance 10⁹ ohms.

fingers and palms.

■ Meets ASTM D6319.

Size: XS-XXL, Ambi



Qualatex® Miracle Grip HP High Performance Latex Glove

- Tough 13 mil thickness & 12" length for added protection
- More Cut/Puncture Resistant than normal 6 mil gloves.
- Textured fingers & palm.
- Non-slip beaded cuff.
- Strong & flexible.
- Maximum comfort.
- Distinctive blue color.

Size: S-XXL 12" Length, Ambi



Extra Thick Nitrile Glove

- natural rubber latex gloves.
- Naturally Anti-static, surface resistance 109 ohms.
- Geogrip 360sm fully textured fingers and palms.
- Meets ASTM D6319.

8BQP09 (9" Blue, 8 mil, Low Powder) Size: S-XL, Ambi

8BQF09 (9" Blue, 8 mil, Powder-Free)



Qualatex® Indy **Latex Glove**

- 4 mil
- Unique fit and feel.
- Wide range chemical protection.
- Beaded cuff.
- Geared for industrial, automotive and food service.
- Economical.
- Natural color.

609BYF (Powder-Free) Size: S-XL 9" Length, Ambi

QualatrileSENS! 3 mil

Exceptional tactile sensitivity with

Uniquely conforms to the wearer's hand.

Textured fingertips, for reliable, safe,

the toughness, durability and

chemical resistance of nitrile.

Naturally Anti-static, surface

resistance 109 ohms.

secure wet/dry grip.

SQWB09 (White Bagged)

Size: S-XL 9" Length, Ambi

SQWF09 (White)

SQBF09 (Blue)

Soft Nitrile Glove

Latex-free, powder-free.



QualaSheer® FG Vinyl Glove

- 4 mil
- Food Grade.
- Certified under NSF protocol P 155, disposable food contact gloves, to meet FDA requirements for food handling.
- Naturally Anti-static, surface resistance 10¹⁰ ohms.
- Beaded cuff.
- Economical.
- Clear color.

VCYF09 (Powder-Free) VCYP09 (Powdered) Size: S-XL 9" Length, Ambi



Qualatrile® Indy **Nitrile Glove**

- 4 mil 3X puncture resistance of vinyl or natural rubber latex gloves.
- Naturally Anti-static, surface resistance 109 ohms.
- Tough industrial grade.
- Economical protection from chemicals and petroleum.
- USDA compliant for food handling and processing.
- Distinctive blue color.

BQY09 (Powder-Free) Size: S-XXL 9" Length, Ambi





- 3X puncture resistance of vinyl or natural rubber latex gloves.
- Naturally Anti-static, surface resistance 109 ohms.
- Geogrip 360sm fully textured
- Meets ASTM D6319.

4BQF09 (9" Blue, 4 mil, Powder-Free) BQP09 (9" Blue, 5 mil, Low Powder) BQF09 (9" Blue, 5 mil, Powder-Free) BQF12 (12" Blue, 5 mil, Powder-Free)



Qualatrile® Blue 8 mil

- Rugged 8 mil thickness.
- 3X puncture resistance of vinyl or

Size: S-XXL, Ambi

Qualatex® Latex Fingercots protection.

- For general, personal and product
- Sheer film for maximum dexterity.
- Economical.
- For industrial use only!
- 2C (Low Powder, Textured, Natural Color)
- 5J (Powder-Free, Natural Color)
- 7J (Powder-Free, Pink, Anti-static)
- 8J (Powder-Free, Black, Static Dissipative) Size: S-XL

Qualatrile® Nitrile Fingercot

- Excellent tactile sensitivity.
- Washed.
- Anti-static.
- Skin thin.
- Economical.
- For industrial use only!

9J (Powder-Free)

Size: S-XL

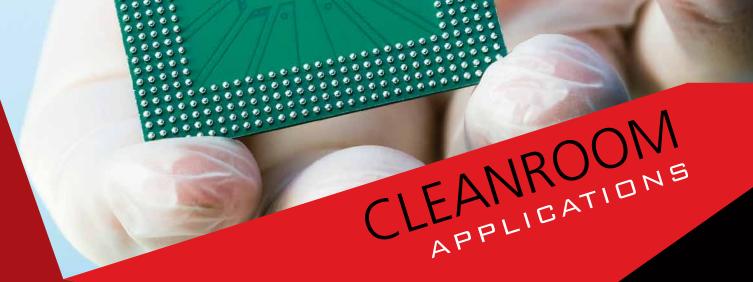


Blü Food Latex Fingercot

- 100% natural latex, USDA compliant blue coloring.
- For food & poultry handling.
- Meets US Government 21-CFR specifications.
- Skin thin.

BF (Powder-Free)

Size: S-XL



in Cleanrooms and Other Controlled Environments.

QRP adheres to all requirements of IEST-RP-CC005.2, Recommended Practice for Gloves and Fingercots Used

Qualatrile.XC

Qualatex:XC

Qualatex HIPROXC.



PolyTuff Performance Gloves

Qualatherm THERMAL PROTECTION



Qualatex® HiPro XC Class 100 Latex Glove

- Premium natural rubber latex gloves for ISO 5 (Class 100) applications.
- Lowest extractibles and particulates.
- Free from plasticizers, silicone and powders.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

612HC

Size: S-XXL 12" Length, Ambi



Qualatrile® XC White Class 100 Nitrile Glove

- 100% nitrile (no latex) for ISO 5 (Class 100) applications.
- Naturally anti-static 10⁹ ohms.
- Manufactured without plasticizers, silicone or powders.
- Consistently low particulates and extractible ion levels.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

Q095

Size: S-XL 9" Length, Ambi

Q125

Size: XS–XXL 12" Length, Ambi



Class 100 Vinyl Glove

QualaSheer® XC

- 100% PVC co-polymer (no latex) for ISO 5 (Class 100) applications.
- Naturally anti-static 10¹⁰ ohms.
- Microtextured.
- Meets or exceeds all applicable requirements of IEST-RP-CC005.2.

VHC12

Size: S–XL 12" Length, Ambi



PolyTuff® Solvent Series
Polyurethane Glove

- Packaged for ISO 5 (Class 100) applications.
- Protection from chlorinated solvents (MeCL and TCE), acetone, xylene, freons and IPA.
- Tough, chemical & solvent resistant polyurethane, sulfur-free.
- Ergonomic Comfort Curve[™] hand specific design.

20G (8 mil)

ze: S–XL 12" Length

PolyTuff® Anti-Static Polyurethane Glove

- Packaged for ISO 5 (Class 100) applications.
- Anti-static 10⁹ ohms per square surface unit.
- Resists common solvents such as MeCl, TCE and IPA.
- ESD safe for Class II devices.
- Ergonomic Comfort Curve[™] hand specific design.

25G (4 mil)

Size: S-L 12" Length



PolyTuff® Static Dissipative
Polyurethane Glove

- Packaged for ISO 5 (Class 100) applications.
- Static dissipative 10⁶ ohms per square surface unit.
- ESD-safe for Class I and II devices.
- Tough solvent process polyurethane, sulfur-free – no carbon shedding.
- Ergonomic Comfort Curve[™] hand specific design.

27G (4 mil)

Size: S–L 12" Length

28G (8 mil)

Size: S-L 12" Length



PolyTuff® Acid & Alkali CSM Glove

- Packaged for ISO 5 (Class 100) applications.
- Engineered for corrosive alkalis and ultra-strong acids using CSM, sulfur-free.
- Flexible for long wearing comfort.
- Handling for wet or dry environments.

41G

Size: Universal Large Only 14" Length Hand Specific



PolyTuff® Superior Solvent *Silicon Elastomer Glove*

- Packaged for ISO 5 (Class 100) applications.
- For industrial use with silicon-based adhesives and harsh solvents such as DMF, THF, cyclohexanone and ketones.
- Silicon elastomer formulation withstands flaking, puncture and abrasion.

90G

Size: Universal Large Only 12" Length Hand Specific

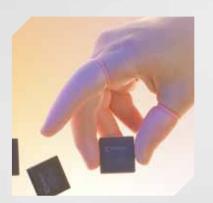


Qualatex® XC Natural Latex Fingercot

- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Eliminates contamination risks from silicone oils, skin salts, particulates and plasticizers.
- Packaged in gas-impermeable film flushed with semiconductor grade N2.
- Unique, Stand-Up pouch easy product identification.

5C (Powder-Free)

Size: S-XXL



Qualatex® XC Anti-Static

Pink Latex Fingercot

- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Average surface resistance of 5x10¹⁰ ohms per square unit.
- For use with Class II static sensitive devices (thresholds above 1000V).
- Packaged in gas-impermeable film flushed with semiconductor grade N2.
- Unique, Stand-Up pouch easy product identification.

7C (Powder-Free)
Size: S-XXL



Qualatex® XC Static Dissipative

Black Latex Fingercot

- Packaged for ISO 5 (Class 100) applications. Compliant with ASTM and IEST-RP-CC 005.3 standards.
- Average surface resistance of 10⁷ ohms per square surface unit.
- For use with Class I and Class II static sensitive devices.
- Packaged in gas-impermeable film flushed with semiconductor grade N2.
- Unique, Stand-Up pouch easy product identification.

8C (Powder-Free) Size: S-XXL



Qualatrile® XC Anti-Static
White Nitrile Fingercot

- Packaged for ISO 5 (Class 100) applications.
- Average surface resistance of 5x10° ohms per square unit.
- For use with Class II static sensitive devices (thresholds above 1000V).
- Packaged in gas-impermeable film flushed with semiconductor grade N2.
- Unique, Stand-Up pouch easy product identification.

9C (Powder-Free)
Size: S-XL



Qualatherm® 1400
Dry Thermal Protection

- Packaged for ISO 5 (Class 100).
- Dry contact temperatures from 210°F to 1400°F (-134°C to 760°C) with no charring, ash or residue.
- ESD protection static dissipative 10°.
- No PCB, asbestos or fiberglass.

50G – 14" (Forearm Protection) Size: M, L, XL

55G - 18" (Elbow Protection)
Size: Universal Large Only

57G – **27"** (Shoulder Protection) Size: Universal Large Only



Qualatherm® 1000
Dry Thermal Protection

- Packaged for ISO 5 (Class 100).
- Dry contact temperatures from 210°F to 1000°F (-134°C to 537°C) with no charring, ash or residue.
- No PCB, asbestos or fiberglass.

59G (Forearm Protection) *Size: L, XL* 14" Length



Qualatherm® 450 Wet / Dry Thermal Protection

- Packaged for ISO 5 (Class 100).
- Wet or dry contact temperatures from 78°F to 450°F (-61.4°C to 232°C).
- PolyTuff silicone elastomer is sulfurfree. Excellent resistance to chemicals, solder and fluxes.

70G – 12" (Wrist Protection) Size: Hand Specific – M, L, XL

73G – 10" (Mitt Style Hand Protection) *Size: Ambidextrous – One size fits all*

75G – 23" (Elbow Protection)Size: Hand Specific – One size fits all



Dry Box Gloves *Full Length Gloves*

- Standard 8" plus 6" & 10" ports;32" length.
- Thicknesses: 15 to 30 mils.
- Hand-specific or ambidextrous.
- Beaded cuffs for added strength.
- Hand sizes: 7, 8, 9,10.

DBG – NR (Natural Rubber) DBG – BT (Butyl) (also ESD)

DBG - NE (Chloroprene) (also ESD)

DBG – HY (CSM)

DBG – PHY (PU-CSM)

DBG – PU (Polyurethane)



Isolators
Gloves/Sleeves

- 13" glove (15 mil to 30 mil thickness) + 24" sleeve.
- Economical alternative to one piece dry box gloves – usually only glove needs to be replaced.
- Glove & sleeve can be different materials.
- Port sizes: 6", 8" 10"; gloves ambi, sizes 5-10.

GLOVES

IG – BT SL – BT (Butyl) (also ESD)

IG – NE SL – NE (Chloroprene) (also ESD)

IG – HY SL – HY (CSM)

IG – PHY SL – PHY (PU-CSM)

IG – PU SL – PU (Polyurethane)











Qualakote® NY Nylon / PU Palm Dipped

- Comfortable seamless nylon knit.
- Micro-foamed polyurethane palm dipped.
- Breathable, knitted seamless comfort.
- Washable for economy of reuse.

PDNY (White) PDGNY (Gray) PPDBNY (Black) Size: S-XXL



Oualakote® NY Nylon / Nitrile Palm Dipped

- Assembly-Inspection glove.
- Comfortable nylon knit.
- Micro-foamed nitrile palm dipped.
- Breathable, seamless comfort.
- Washable for economy of reuse.

NPDNY (White) Size: S-XL

PDBNY (Black) Size: S-XXL



Little Red Gripper Nylon / Grippy Nitrile Palm

- Nitrile foam coated palm & fingers.
- Seamless knit shell for maximum comfort.
- Great tactile sensitivity
- Great replacement for leather gloves.
- Machine washable for repeated use.
- Non-marking & non-linting.

GNRN





Qualakote® ESD Nylon / Carbon / PU Fingers

- Micro-foamed polyurethane finger tip coating for excellent grip.
- Nylon + conductive carbon/nylon yarn.
- Spandex cuff no latex.
- Maximum uncoated area, seamless knit, for breathability, comfort.
- Human Body Model ANSI/ESD SP15.1 CAFÉ resistance: 10⁷ uncoated area; 108-9 coated area.
- Machine washable for economy of repeated use.

TDESDNY

Size: XS-XXL



Qualakote® NY ESD Nylon / Carbon / PU Palm Dipped

- Micro-foamed polyurethane palm coating for excellent grip.
- Nylon + conductive carbon/nylon yarn.
- Uncoated back, seamless knit, for breathability, comfort.
- Human Body Model ANSI/ESD SP15.1 CAFÉ resistance: 10⁷ uncoated area; 108-9 coated area.
- Machine washable for economy of repeated use.

PDESDNY

Size: S-XXL



Qualakote® ESD Wave Solder Glove

- Extra thick for thermal protection.
- Nylon + conductive carbon/nylon yarn.
- Nitrile foamed palm dip for extra toughness.
- Seamless knit, open back.
- Human Body Model ANSI/ESD SP15.1 CAFÉ resistance: 10⁷ uncoated area; 108-9 coated area.
- Machine washable for economy of repeated use.

PDWS (Low Heat) Size: XS-XXL **HWS (Medium Heat)**

Size: S-XXL



Qualakote® ESD Nylon / PU Palm Dipped

- Micro-foamed polyurethane palm coating for excellent grip.
- White nylon yarn for economy.
- Topical coating of glove for anti-static ESD protection.
- ANSI/ESD STM 11.11 Surface Resistance 10^{7~9}.

PDESDEC Size: XS-XXL



Qualaknit® ESD Nylon / Carbon Uncoated

- Nylon + conductive carbon/nylon yar
- Micro-knit fingertips for maximum dexterity.
- Uncoated glove for maximum breathability, lowest resistance
- Static dissipative HBM ANSI/ESD SP 15.1 CAFÉ resistance 106~
- Seamless comfort.

KAS Size: S-XXL



QRP's ESD PROTECTION PRODUCTS

STATIC DISSIPATIVE (10⁵ - 10⁷) **ANTI-STATIC** (10⁸ - 10¹²)

CLEANROOM GLOVES			
STYLE Q095	DESCRIPTION 9" White Nitrile	STATIC DISSIPATIVE	ANTI-STATIC
Q125	12" White Nitrile		~109
VHC12 25G	12" Clear Vinyl 12" Clear Polyurethane		~10 ¹⁰ ~10 ⁹
27G, 28G	12" Black Polyurethane	~10 ⁶	10
DBG-NEESD	Dry Box Glove Anti-static Neoprene		~108
DBG-BTESD	Dry Box Glove Anti-static Butyl		~108

	CLEANKOOM TINGERCOTS		
STYLE	DESCRIPTION	STATIC DISSIPATIVE	ANTI-STATIC
7C	Pink Anti-static Latex		~1010
8C	Black Static Dissipative Latex	~107	
9C	White Anti-static Nitrile		~109

CLEANROOM FINGERCOTS

	KNITTED GLOVES		
STYLE	DESCRIPTION	STATIC DISSIPATIVE	ANTI-STATIC
KAS	Nylon Carbon Knitted Static Dissipative	~107	
PDESDNY	Nylon Carbon Knit/PU Palm Dipped		~108
TDESDNY	Nylon Carbon Knit/PU Finger Tip Dipped		~108
PDESDEC	White Nylon/PU Palm Dipped ESD Coated		~108
PDWS	Medium Weight Nylon Carbon Knit/Nitrile Palm Dip		~108
HWS	Heavy Weight Nylon Carbon Knit/Nitrile Palm Dip		~108

GENERAL PURPOSE G	LOVES	
DESCRIPTION	STATIC DISSIPATIVE	ANTI-STATIO
9" 4 mil Powder Free Blue Nitrile Exam Glove		~109
9" 5 mil Powdered Blue Nitrile Exam Glove		~109
9" 5 mil Powder Free Blue Nitrile Exam Glove		~109
12" 5 mil Powder Free Blue Nitrile Exam Glove		~109
9" 8 mil Powdered Free Blue Nitrile Exam Glove		~109
9" 8 mil Powder Free Blue Nitrile Exam Glove		~109
9" 5 mil Powder Free Industrial Blue Nitrile		~109
9" 3 mil Powder Free White Nitrile Exam Glove		~109
9" 3 mil Powder Free Blue Nitrile Exam Glove		~109
9" 4 mil Powder Free Industrial Vinyl		~1010
	DESCRIPTION 9" 4 mil Powder Free Blue Nitrile Exam Glove 9" 5 mil Powdered Blue Nitrile Exam Glove 9" 5 mil Powder Free Blue Nitrile Exam Glove 12" 5 mil Powder Free Blue Nitrile Exam Glove 9" 8 mil Powdered Free Blue Nitrile Exam Glove 9" 8 mil Powder Free Blue Nitrile Exam Glove 9" 5 mil Powder Free Industrial Blue Nitrile 9" 3 mil Powder Free White Nitrile Exam Glove 9" 3 mil Powder Free Blue Nitrile Exam Glove	9" 4 mil Powder Free Blue Nitrile Exam Glove 9" 5 mil Powdered Blue Nitrile Exam Glove 9" 5 mil Powder Free Blue Nitrile Exam Glove 12" 5 mil Powder Free Blue Nitrile Exam Glove 9" 8 mil Powdered Free Blue Nitrile Exam Glove 9" 8 mil Powder Free Blue Nitrile Exam Glove 9" 5 mil Powder Free Industrial Blue Nitrile 9" 3 mil Powder Free White Nitrile Exam Glove 9" 3 mil Powder Free Blue Nitrile Exam Glove

GENERAL PURPOSE FINGERCOTS			
STYLE	DESCRIPTION	STATIC DISSIPATIVE	ANTI-STATIC
7 J	Pink Anti-static Latex		~1010
8J	Black Static Dissipative Latex	~10 ⁷	
9J	White Anti-static Nitrile		~109

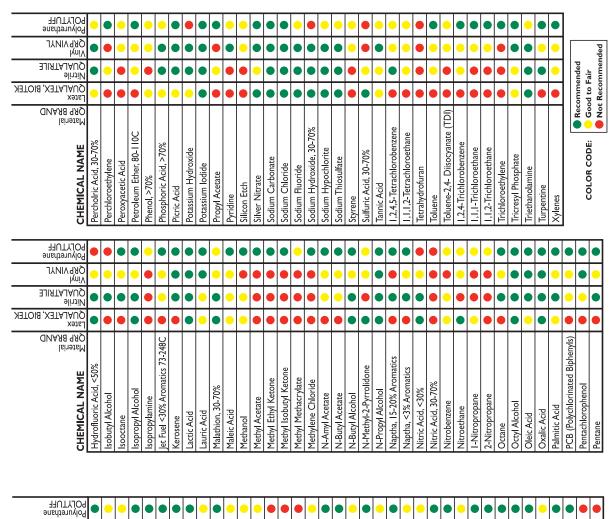
CHEMICAL RESISTANCE CHART **ORP**

QUALATEX, BIOTEK

Material QRP BRAND

Polyurethane POLYTUFF Vinyl Nitrile QUALATRILE CUALATEX, BIOTEK

Material QRP BRAND



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