

Pesticide Protective Gloves

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Pesticide Protective Gloves

- Test yo
- Convin
- Explain



Identify the material in glove #1 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #2 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #3 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #4 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #5 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #6 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #7 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #8 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



Identify the material in glove #9 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton



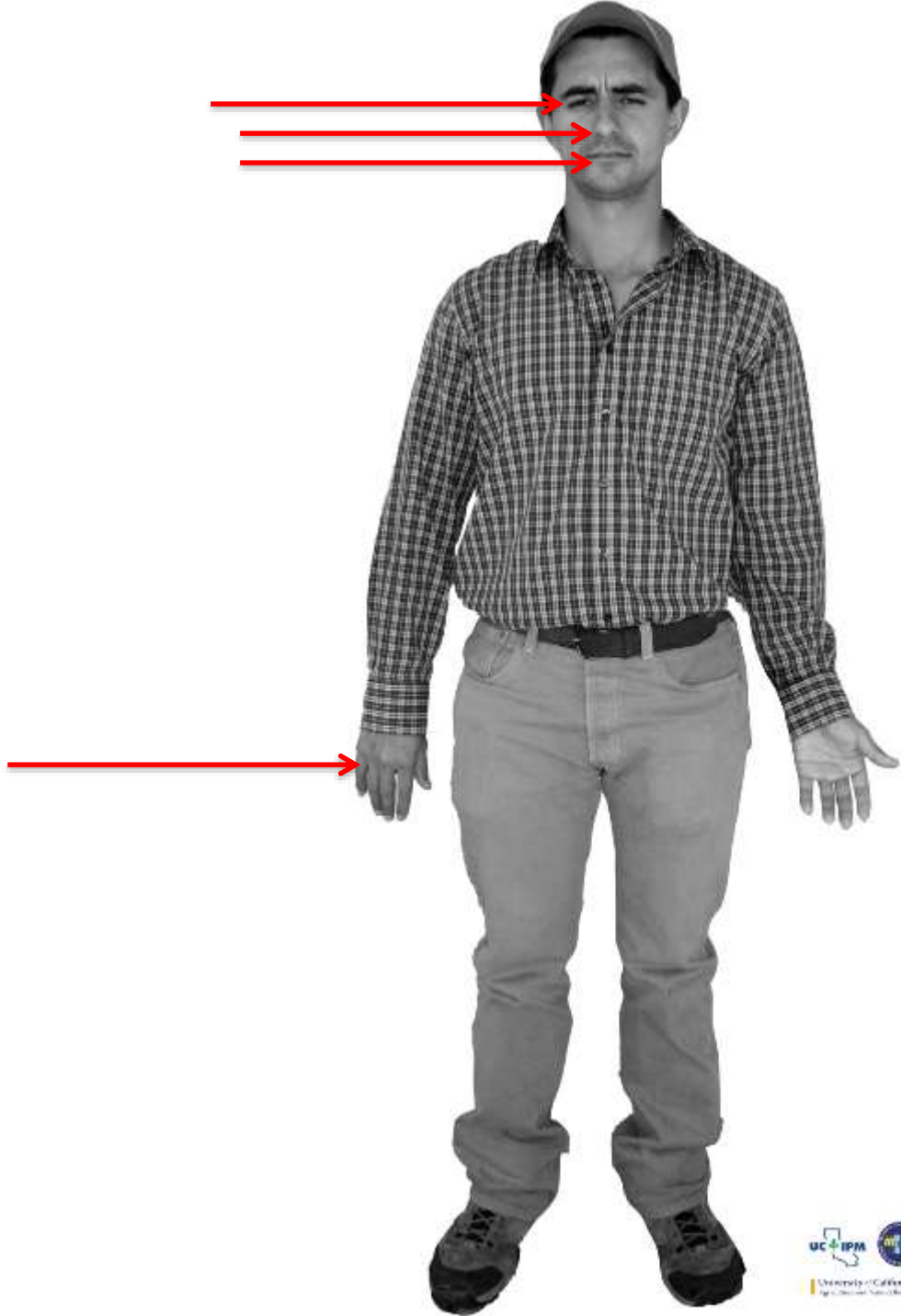
Identify the material in glove #10 (choose one or don't click if you don't know)

- Barrier laminate
- Butyl rubber
- Natural rubber
- Neoprene (disposable)
- Neoprene (reusable)
- Nitrile (disposable)
- Nitrile (reusable)
- Polyethylene
- Polyvinyl chloride
- Viton

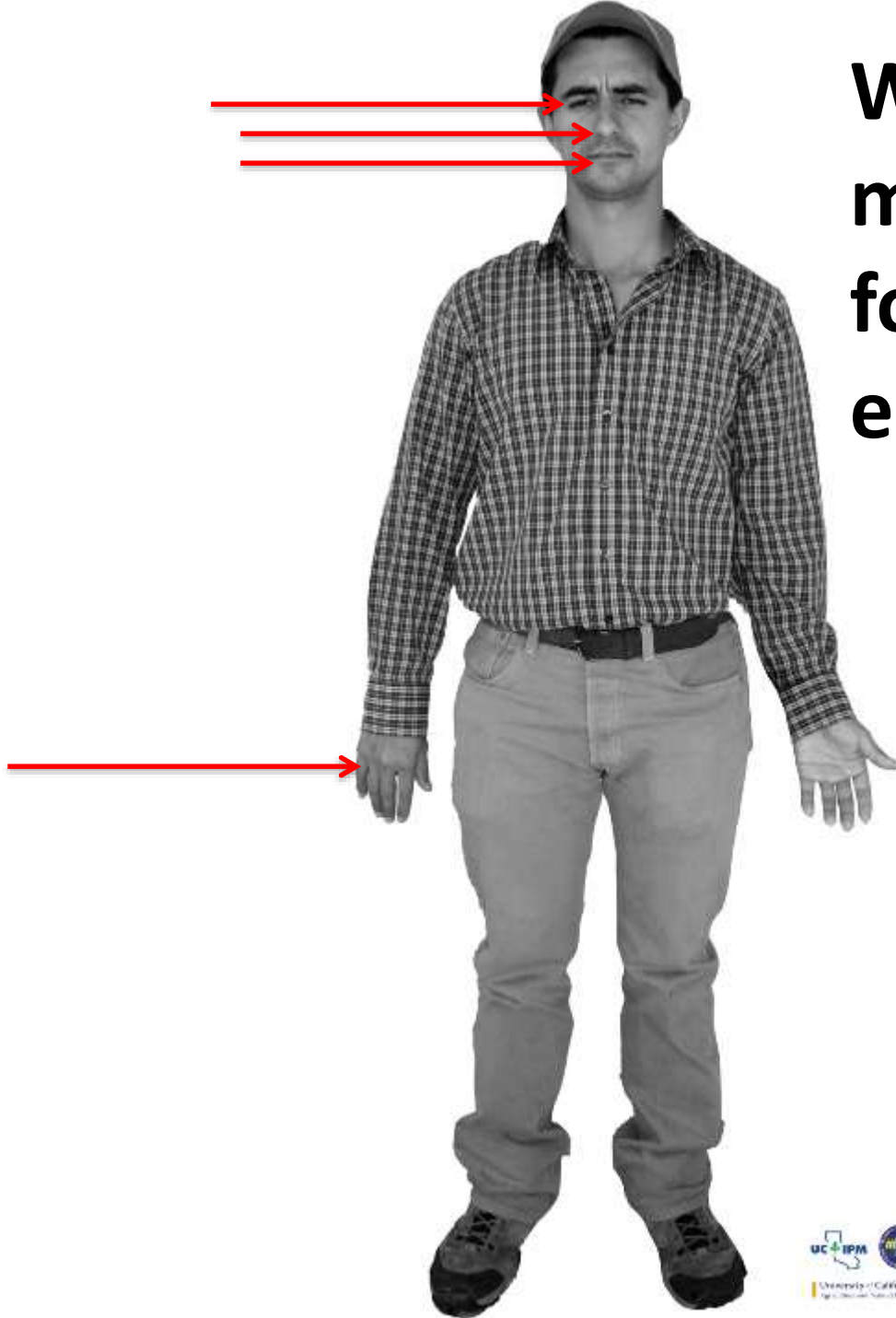




**What parts of
your body do
you think
pesticide can
enter?**



Which way is it more common for pesticides to enter our body?



SKIN!









**What is the MINIMUM Personal
Protective Equipment (PPE)
required in California?**

Why **YOU** should wear gloves



Which activities require gloves?

56%

28%

33% of all handler pesticide illnesses were due to failure to wear PPE!

Glove Selection



Glove Category Selection Key

Label Code	Material Recommended by CDPR	Material Code
A	1,2,3,4,5,6,7,8	1: Laminate
B	1,2	2: Butyl
C	1,2,3,4,7,8	3: Nitrile
D	1,2	4: Neoprene
E	1,3,4,8	5: Natural
F	1,2,3,8	6: Polyethylene
G	1,8	7: PVC
H	1,8	8: Viton

All but Laminate and Polyethylene must be 14 mils or thicker

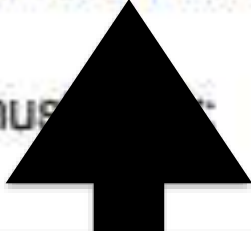
Glove Selection – Labels

Personal Protective Equipment

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or Viton. If you want more options, follow the instructions for category E on a EPA chemical resistance category selection chart.

All mixers, loaders, applicators, and other handlers must wear:

- long-sleeved shirt and long pants,
 - shoes and socks,
 - chemical resistant gloves
 - chemical resistant apron when mixing or cleaning equipment, or otherwise exposed to the product.
- See engineering controls for additional recommendations.



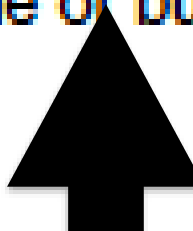
Speedzone:
barrier laminate, nitrile
rubber, neoprene rubber
or viton
Category E

Glove Selection – Labels

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as nitrile or butyl
- Shoes plus socks



Turflon Ester:
nitrile or butyl
No category

Glove Selection – Labels

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and Other Handlers Must Wear: Long-sleeved shirt & long pants; shoes plus socks. When not using a closed system, wear apron and chemical-resistant gloves made of any waterproof material for mixing/loading activities. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.



Acramite 4SC:
No gloves

Glove Selection

- Always follow the pesticide label
- BUT!
- Always remember that CA requirements are generally more strict than label requirements



GEMPLERS. Unlined Nitrile Gloves**Combine chemical resistance with excellent dexterity**

100% nitrile gloves provide excellent protection for handling most agricultural chemicals, solvents, acids and caustics. Nitrile resists snags, punctures, abrasions and cuts better than other glove polymers. A nonslip grip makes wet or slippery work easier, while an ergonomic shape enhances fit and comfort. Unlined gloves can be washed and reused and are for use with pesticides whose label refers to Category A, C, E or F on the EPA Chemical Resistance Category Selection Chart.

13", 15-mil Nitrile Gloves

The 13", 15-mil gloves offer increased dexterity that simplifies jobs like working with sprayer nozzles or other small parts. Sold by the pair, in packs of 12 pair or in a convenient wall mount dispenser box with 36 pair. Imported. See price chart below for available sizes: XS (7), S (8), M (9), L (10) or XL (11).

19", 22-mil Unlined Nitrile Gloves

The 19", 22-mil gloves offer added protection to the forearm where chemical splashes may occur. The tapered wrist ensures a comfortable and natural fit. Pairs are individually bagged. Imported. Specify size: L (9) or XL (10).

Type	Quantity	Size	Item No.	Price
13" 15-mil	1 pr.	XS, S, M, L or XL	727G	\$3.00/pr.
13" 15-mil	12 pr./pk.	XS, S, M, L or XL	1277B	\$32.90/pk.
13" 15-mil	36 pr./box	S, M, L or XL	10212	\$91.30/box
19" 22-mil	1 pr.	L or XL	4082K	\$10.70/pr.

**13", 15-mil****19", 22-mil**

19" gloves sold in pairs only



19", 22-mil nitrile gloves



"I am a state-licensed applicator of herbicides, which I use as a national park volunteer on invasive plants. I consider these gloves essential personal protective equipment."
— Old Fred, Richfield, OH

SAVE WITH OUR BOX OF 36 PAIR**Customer Favorite!**

PURCHASE 13", 15-MIL GLOVES:
• PAIRS
• DOZEN
• BOX OF 36 PAIR



Each pair individually bagged



Box can be hung on the wall

DISPOSABLE GLOVE LINERS

8 1/2" liners

Fingerless, Disposable Cotton Glove Liners

100% natural, hypoallergenic cotton ribbed knit material allows air to circulate between your hand and the glove, keeping perspiration off your palm for all-day comfort. Unique, fingerless design retains tactile dexterity and reduces bulk inside the outer glove. Acceptable for food processing applications when used as a liner under an approved outer glove. 8 1/2" L ambidextrous glove liners come 100 per box. One size fits all. Imported.

Item No.	1-4	5-11	12+
24825	\$19.95/box	\$19.00/box	\$18.10/box

Full-finger Disposable Cotton Glove Liners

The EPA allows you to wear separable glove liners beneath chemical gloves for up to 10 hours or until contaminated

Wear inside rubber/chemical gloves to absorb perspiration. Cotton liners help to protect hands from dermatitis and other skin irritations. These liners are also excellent as a barrier from the cold when using for cold-weather applications. Sold in dozen pair packs. Available in Men's and Women's size. Imported.

	Item No.	1-11	12-24	25+
Men's	WL6701	\$10.00/3oz.	\$9.20/3oz.	\$8.50/3oz.
Women's	WL6702	\$10.00/3oz.	\$9.20/3oz.	\$8.50/3oz.

NO MORE SWEATY HANDS

7 1/2"-8" liners

UNLINED CHEMICAL GLOVES

UNLINED CHEMICAL GLOVES

Value Master™ 12" Rubber Latex Gloves

•For diluted, low-toxicity pesticides
•Used by canneries and food processors

Low-cost, heavy-duty, unlined "canners" type gloves offer excellent dexterity and elasticity. USDA accepted. 18-mil thickness and 12" L. For use with pesticides having labels that refer to **Category A** on the EPA's Chemical Resistance Category Selection Chart. Light yellow color. Dozen pair. Imported. Specify Women's size: S (7), M (8), L (9) or XL (10).

Item No.	1-4	5+
RLG2	\$16.85/doz.	\$15.50/doz.

18-MIL 12" gloves



Ansell 12" Economical Neoprene Gloves

These unlined neoprene gloves offer excellent resistance to a wide range of chemicals, including oils, acids, caustics and solvents. Gloves are case hardened to increase chemical and abrasion resistance and feature a textured finish to improve grip on slippery surfaces. Curved fingers and contoured palm for long-wearing comfort. For use with pesticides that have labels referring to **Category A, C and E** on the EPA's Chemical Resistance Category Selection Chart. Imported. Specify size: S (7), M (8), L (9), XL (10) or 2XL (11).

Item No.	1-11	12+
1199	\$750/pr.	\$6.90/pr.

17-MIL 12" gloves



Chloro-Flex™ II 18" Neoprene Gloves

Thick rolled cuff for easy on/off

30-mil, heavyweight unlined neoprene gloves offer excellent protection against agricultural chemicals, oils, acids, resins, alcohols, caustics and other petroleum-based materials. Ideal for applications involving oil spill cleanup and gear assembly. For use with pesticides that have labels referring to **Category A, C and E** on the EPA's Chemical Resistance Category Selection Chart. Imported. Specify size: L (9) XL (10) or 2XL (11).

Item No.	1-11	12+
54273	\$15.80/pr.	\$14.60/pr.

30-MIL 18" gloves



Heavy Natural Rubber Gloves

Unlined natural rubber gloves feature a smooth grip and a rolled cuff to catch drips. Extra-large sizing fits big hands and open cuffs allow for easy on/off. For use with pesticides that have labels referring to **Category A** on the EPA's Chemical Resistance

Category Selection Chart. Imported. Size XL (11) only.

Length	Item No.	1-11	12+
18"	6028	\$15.25/pr.	\$14.10/pr.
24"	6024	\$25.00/pr.	\$23.00/pr.

35-MIL

24" gloves

6024

ELBOW LENGTH IDEAL FOR CLEANING TANKS



40-MIL

18" gloves

6028

Honeywell 11" Butyl Gloves

For certain high-toxicity pesticides, fumigants and anhydrous ammonia
Gloves offer good dexterity and broad-spectrum ag chemical protection. 11" L; unlined; rough finish. For use with pesticides having labels that refer to **Category A, B, C, D or F** on the EPA's Chemical Resistance Category Selection Chart. USA made. Specify size: S (8), M (9), L (10) or XL (11).

Item No.	1-11	12+
14971	\$27.30/pr.	\$24.95/pr.

16-MIL

11" gloves



Ansell Barrier™ 16" Chemical-resistant Multi-hazard Gloves

Five-layer laminated Barrier™ unlined gloves resist permeation and breakthrough to the broadest range of chemicals when the chemical hazard is not clearly identified. Often used as a liner inside leather gloves where mechanical damage is suspected. 2.5-mil; 16" L. For use with pesticides having labels referring to **Categories A, B, C, D, E, F, G, or H** on the EPA's Chemical Resistant Category Selection Chart. USA made. Size Large only.

Item No.	Price
182013	\$8.80/pr.

2.5-MIL

16" gloves



USA
MADE

Honeywell 13" unlined nitrile gloves offer improved touch sensitivity

Nitrile offers stronger wear resistance to cuts, snags and abrasions than other elastomers, resulting in dependable, long-lasting protection. These gloves also resist common solvents, oils and acids. Its flexible curved hand design improves dexterity and provides a natural fit. Suggested uses include food processing, chemical processing, parts cleaning and automotive assembly. USDA accepted for food handling. 13" L with 10-mil thickness. Imported. Specify size: 8, 9, 10 or 11.

Item No.	1-9	10+
11966	\$2.10/pr.	\$1.95/pr.

10-MIL

13" gloves



Glove Selection – Nitrile
















Glove Category Selection Key

Label Code	Material Recommended by CDPR	Material Code
A	1,2,3,4,5,6,7,8	1: Laminate
B	1,2	2: Butyl
C	1,2,3,4,7,8	3: Nitrile
D	1,2	4: Neoprene
E	1,3,4,8	5: Natural
F	1,2,3,8	6: Polyethylene
G	1,8	7: PVC
H	1,8	8: Viton

All but Laminate and Polyethylene must be 14 mils or thicker

Glove Selection

Nitrile Gloves		Price	Brand	Qty	Color	Dispos/Reusable	Size Available	Antistat/Conduct	Prevent V.N.	Thickness	Length	Wrist V.N.	Linking Type	FDA Approved	Medical Grade V.N.
<input type="checkbox"/>	 14 1/2 inch Nitrile Handing Glove (1 pc) 10463	\$10.43	M330	Per Box/Glove	Blue/Green	Reusable	XL, S, M, L, XL	N	N	11 mil	14"	Y	Conceal	N	N
<input checked="" type="checkbox"/>	 10 mil Nitrile Glove - 12" 11988	\$2.10	North Safety	Per Box/Glove	Blue/Green	Reusable	S, M, L, XL	No	No	10 mil	12"	N	NA	Y	N
<input type="checkbox"/>	 Showe 400 8 Mil Nitrile Glove (Showe) 122543	\$6.95	Showe Best Glove	Per Box/Glove	Blue	Reusable	M, L, XL	No	No	30 mil	14"	Y	Roll	No	No
<input type="checkbox"/>	 Ansell 12 AlphaTec™ Nitrile Chemical Resistant Glove (1 pc) 126333	\$7.30	Ansell	Per Box/Glove	Black/Red	Reusable	M, L, XL	No	No	NA	12"	Y	Roll	N	N
<input type="checkbox"/>	 GEMPLERS® Nitrile 15-mil Flocked Glove - Green 151327	\$23.83	GEMPLERS	12 Per Box/Glove	Blue/Green	Reusable	S, M, L, XL	N	N	15 mil	12"	Y	Hook	N	N
<input type="checkbox"/>	 Napa 12 Flocked Nitrile Glove 21442	\$3.00	Napa	Per Box/Glove	Blue/Green	Reusable	XL, S, M, L, XL	No	No	10 mil	12"	Y	Flex	N	N
<input type="checkbox"/>	 Hook 8 mil Nitrile Glove 1 Pul 12" 4029	\$3.50	Napa	Per Box/Glove	Blue/Green	Reusable	S, M, L, XL	N	N	10 mil	12"	Y	Flex	N	N
<input checked="" type="checkbox"/>	 GEMPLERS® Nitrile Glove 20-mil Unlined, 1 Pul 46624	\$10.73	GEMPLERS	Per Box/Glove	Blue/Green	Reusable	L, XL	N	N	22 mil	12"	N	NA	N	N
<input checked="" type="checkbox"/>	 GEMPLERS® Nitrile Glove, 15-mil Unlined 1637275	\$3.00	GEMPLERS	Per Box/Glove	Blue/Green	Reusable	XL, S, M, L, XL	N	N	15 mil	12"	N	NA	N	N
<input type="checkbox"/>	 Ansell 12 AlphaTec™ Disposable Nitrile Exam Glove (100) 100155	\$17.43	Ansell	100	Blue	Disposable	S, M, L, XL	Y	Lightly	5 mil	11 1/2"	N	NA	Y	N
<input type="checkbox"/>	 3 mil Nitrile Exam Glove 481 490	\$19.20	H-Ply	100	Green	Disposable	S, M, L, XL	Yes	Y	5 mil	11 1/2"	N	NA	N	Y
<input type="checkbox"/>	 12 1/2 inch Nitrile Glove 46627	\$13.42	H-Ply	50	Blue/Green	Disposable	S, M, L, XL	Y	Y	5 mil	12"	N	NA	N	Y
<input type="checkbox"/>	 SHOCK Nitrile Glove, 4-mil 100000	\$10.55	Showe Best Glove	100	Blue	Disposable	S, M, L, XL	Y	Y	4 mil	11 1/2"	N	NA	N	N

<http://www.gemplers.com/compare/nitrile-gloves>

Glove Selection

Nitrile Gloves		Price	Brand	Qty	Color	Dispos/Reusable	Sizes Available	Ambidextrous	Powdered Y/N	Thickness	Length	Lined Y/N	Lining Type	FDA Approved	Medical Grade Y/N
<input type="checkbox"/>	 10-mil Nitrile Glove - 13"L 11966	\$2.10	North Safety	Pair	Blue/Green	Reusable	8, 9, 10, 11	No	No	10 mil	13"	N	NA	Y	N
<input type="checkbox"/>	 GEMPLER'S® Nitrile Gloves 22-mil, Unlined, 1 Pair 4082K	\$10.70	GEMPLER'S	Pair	Blue/Green	Reusable	L, XL	N	N	22 mil	19"	N	NA	N	N
<input type="checkbox"/>	 GEMPLER'S® Nitrile Gloves, 15-mil, Unlined WEB727G	\$3.00 - \$91.30	GEMPLER'S	Pair	Blue/Green	Reusable	XS, S, M, L, XL	N	N	15 mil	13"	N	NA	N	N

Compare Selected

Narrow Items by Selecting & Clicking Compare

Glove Liners



Take-Home Messages

- Wear chemical resistant gloves for all handling activities
- Consult the label and CA requirements for the appropriate glove material
- Check manufacturers' specifications for thickness, uses, lining type, etc.



Questions?

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