



e e

[REDACTED]

[REDACTED]

[REDACTED]



Chemical Name	CAS No.	Silver Shield			Viton			Butyl			Chemsoft			D
		D	BT	PR	D	BT	PR	D	BT	PR	D	BT	PR	
Hexahydrophenol	108-93-0	E	>8 hrs	N/D	E	>8 hrs	N/D	E	>11 hrs	N/D	E	>6 hrs	N/D	E
Hexamethylene	110-82-7	E	>4hrs	N/D	E	>7 hrs	N/D	F	50 min	103.8	E	>8 hrs	N/D	F
Hexanaphthene	110-82-7	E	>4hrs	N/D	E	>7 hrs	N/D	F	50 min	103.8	E	>8 hrs	N/D	F
Hexane	110-54-3	E	>8 hrs	N/D	E	>8 hrs	N/D	P	I/D	I/D	E	>6 hrs	N/D	E
Hydrochloric Acid (37%)	7647-01-0	E	>8 hrs	N/D	E	I/D	I/D	E	I/D	I/D	E	>6 hrs	N/D	E
Hydrofluoric Acid (48%)	7664-39-3	E	>8 hrs	0.013	G	I/D	I/D	F	I/D	I/D	I/D	I/D	I/D	G
Hydrogen Chloride (gas)	7647-01-0	E	>8 hrs	N/D	E	>8 hrs	N/D	E	>8 hrs	N/D	I/D	I/D	I/D	I/D
Iodomethane	74-88-4	P	4 min	0.026	E	6.3 hrs	0.7	F	55 min	82	I/D	I/D	I/D	I/D
Isobutyl Alcohol	78-83-1	E	I/D	I/D	E	>8 hrs	N/D	E	>8 hrs	N/D	E	>8 hrs	N/D	E

D = Degradation  
 BT = Breakthrough Time  
 PR = Permeation Rate

E = Excellent      N/D = None Detected  
 G = Good            I/D = Insufficient Data  
 F = Fair  
 P = Poor

Good for total immersion  
 Good for accidental splash  
 Only use with extreme caution

Chemical Name	CAS No.	Silver Shield			Viton			Butyl			Chemsoft			N
		D	BT	PR	D	BT	PR	D	BT	PR	D	BT	PR	D
p-Dioxane	123-91-1	I/D	I/D	I/D	P	23 min	26.8	E	>20 hrs	N/D	I/D	I/D	I/D	P
Perchloric Acid (70%)	7601-90-3	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	I/D	E	>8 hrs	N/D	E
Perchloroethylene	127-18-4	E	>8 hrs	N/D	E	>17 hrs	N/D	P	I/D	I/D	F	1 hr	3.8	F
Perchloromethane	56-23-5	E	>8 hrs	N/D	E	>13 hrs	N/D	I/D	I/D	I/D	F	1.3 hrs	3.45	F

D = Degradation  
 BT = Breakthrough Time  
 PR = Permeation Rate

E = Excellent  
 G = Good  
 F = Fair  
 P = Poor

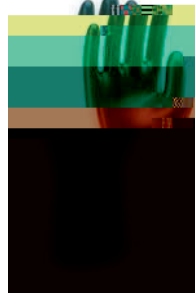
N/D = None Detected  
 I/D = Insufficient Data

Good for total immersion  
 Good for accidental splash  
 Only use with extreme caution

## North® Viton®

Excellent chemical resistance to chlorinated and aromatic solvents. Can be used in water based solvents without dissolving. Superior resistance to PCBs. Curved finger and hand design provides better fit for greater worker comfort.

Viton® is a registered trademark of the DuPont company.



Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
F101	Black	sanitized interior	8-11	Smooth/straight	11"/10 mil	1 pair	10 pair
F124	Black	sanitized interior	8-11	Smooth/straight	14"/12 mil	1 pair	10 pair

## North® 4

Resistant to over 280 different chemicals: alcohols, aliphatic, aromatics, chlorines, ketones, esters. Low cost, disposable gloves do not have to be recycled and can be readily available to workers. Does not contain chemical accelerators that can cause allergic reactions. Can be used as a secondary inner glove. Allows worker maximum protection in heavy-duty jobs where the dangers of mechanical damage to gloves are high.



Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
SSG	Silver, unlined	6, 7, 8	Smooth/straight	14.5"/2.7 mil	10 pair	50 pair	
		9, 10, 11	Smooth/straight	16"/2.7 mil	10 pair	50 pair	
SSG29/10	Silver, unlined	10	Smooth/straight	29"/2.7 mil	10 pair	50 pair	

## North® 100%

100% nitrile content offers superior resistance to cuts, snags, abrasions and punctures. Gloves are free of latex proteins which can cause allergic reactions. Comply with USDA and FDA regulations, 21 CFR, for use in food processing. Available with unlined or flocked interior.



Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
LA102G	Green	sanitized interior	7-11	Sandpatch/straight	13"/11 mil	1 dz pair	12 dz pair
LA142G	Green	sanitized interior	7-11	Sandpatch/straight	13"/15 mil	1 dz pair	12 dz pair
LA225G	Green	sanitized interior	7-11	Sandpatch/straight	15"/22 mil	1 dz pair	6 dz pair
LA258G	Green	sanitized interior	7-11	Sandpatch/straight	18"/25 mil	1 dz pair	6 dz pair
LA111EB	Blue	sanitized interior	7-11	Sandpatch/straight	13"/11 mil	1 dz pair	12 dz pair
LA132G	Green	flock interior	7-11	Sandpatch/straight	13"/15 mil	1 dz pair	12 dz pair
LA172G	Green	flock interior	7-11	Sandpatch/straight	13"/17 mil	1 dz pair	12 dz pair
LA111EBFL	Blue	flock interior	7-11	Sandpatch/straight	13"/15 mil	1 dz pair	12 dz pair

## North® Grip-Saf

Highest permeation resistance to gas and water vapor for greater work especially when handling toxic substances. Flexible and sensitive, temperatures. Curved finger and hand design provides a better fit for comfort. Available with "Grip-Saf" palm for wet applications.

Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
B131	Black	sanitized interior	7-11	Smooth/rolled			
B131R	Black	sanitized interior	7-11	Rough Grip-Saf			
B161	Black	sanitized interior	7-11	Smooth/rolled			
B161R	Black	sanitized interior	7-11	Rough Grip-Saf			
B174	Black	sanitized interior	7-11	Smooth/rolled			
B174R	Black	sanitized interior	7-11	Rough Grip-Saf			
B324	Black	sanitized interior	7-11	Smooth/rolled			
B324R	Black	sanitized interior	7-11	Rough Grip-Saf			
B074GI	Black	sanitized interior	XS- XL	Smooth/rolled			
B074RG	Black	sanitized interior	XS- XL	Rough/rolled			
B144GI	Black	sanitized interior	XS- XL	Smooth/rolled			
B144RG	Black	sanitized interior	XS- XL	Rough/rolled			
B174GI	Black	sanitized interior	XS- XL	Smooth/rolled			
B174RG	Black	sanitized interior	XS- XL	Rough/rolled			
B254GI	Black	sanitized interior	XS- XL	Smooth/rolled			
B254RG	Black	sanitized interior	XS- XL	Rough/rolled			
B224G	Black	sanitized interior cotton liner	XS- XL	Smooth/rolled			

## North® 59%

Unique patented 100% nitrile formulation is 59% stretchier<sup>3</sup> than the lightest weight nitrile gloves. Gives wearer dexterity required to pick up small parts. Comparable nitrile gloves on the market, without hand fatigue. Comply with FDA regulations, 21 CFR, for use in food processing. Free of latex proteins to cause allergic reactions.

<sup>3</sup> Based on an independent scientific comparison between the new North Chemsoft Industrial Edmont Sol-Vex brand conducted by the Akron Rubber Development Laboratory

Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
CS113B	Blue	sanitized interior	7-11	Sandpatch/straight			
CS153B	Black	flock interior	7-11	Sandpatch/straight			

## North® Natural Rubber

100% high natural rubber has excellent dexterity, elasticity, and tensile strength for long wear and comfort. Embossed palm and fingers have a better work edge prevents cuff from tearing. Chlorinated for more comfort and durability. Complies with USDA and FDA regulations, 21 CFR, for use in food processing.

<sup>3</sup> CAUTION: This product contains natural rubber latex proteins which may cause allergic reactions.

Part Number	Color	Interior	Size	Texture	Thickness	Quantity	Quantity
PNLB1815	Orange	sanitized interior	7-11	Diamond embossed			