

NORTH CONTROLLED ENVIRONMENT GLOVES

**CHLOROSULFONATED POLYETHYLENE (CSM)
NORTH- CHEMICAL RESISTANT GLOVE BOX GLOVES**

Last Updated – (March 2017)



GENERAL INFORMATION		DIMENSIONS	
Base Material	CSM (Chlorosulfonated polyethylene)	Cuff Style	Rolled Bead
Material Color	White	Bead Diameter:	3.2 to 6.4mm (0.125 to 0.25in)
Surface Finish	Smooth	Standard Lengths	30in, 32in (+/- 1in)
Country of Origin	United States	Film Thickness 15mil styles	0.28 to 0.66 mm (0.011 to 0.026 in)
Case Pack	2 pair/box	Film Thickness 30mil styles	0.51 to 1.12mm (0.020 to 0.044in)

AVAILABLE HAND SIZES		
Port Diameter, inches	Hand Specific (RH/LH)	Ambidextrous
5	9Q (9 ¾), 10H (10 ½)	9Q (9 ¾)
6	9Q (9 ¾)	9Q (9 ¾)
7	9Q (9 ¾)	8H (8 ½), 9Q (9 ¾), 10H (10 ½)
8	8H (8 ½), 9Q (9 ¾), 10H (10 ½), 11H (11 ½)	9Q (9 ¾), 10H (10 ½)
10		9Q (9 ¾)

PRODUCT FEATURES

- Superior resistance to ozone and oxidizing chemicals such as alcohols, alkalis, hydrogen peroxide, and acids.
- Highly resistant to the effects of UV radiation in both artificial light and sunlight.
- Very high abrasion resistance provides long glove service life.
- Natural soft feel for greater worker comfort.
- White surface will not hide contamination and is easily cleaned.
- Every glove is electrically tested to detect holes or thin spots, ensuring greater safety
- Custom lengths between 24in and 36in (+/1 in) available


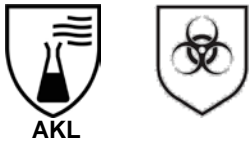
APPLICATIONS

Glove box operations in the pharmaceutical, biotechnical, semi-conductor, nuclear, defense, and manufacturing industries.

NORTH® HAND PROTECTION – Technical Data Sheet

CERTIFICATIONS / STANDARDS

OSHA Standard - 29 CFR 1915.157 The employer shall ensure that each affected employee uses appropriate hand protection and other protective clothing where there is exposure to hazards such as skin absorption of harmful substances, severe cuts or lacerations, severe abrasions, punctures, chemical burns, thermal burns, harmful temperature extremes, and sharp objects.

	TEST METHOD	LEVEL	TEST RESULT
CE Certified EN420, EN388	EN388:2003		
 3 0 1 1	Abrasion	3	2000 cycles
	Cut	0	
	Tear	1	10 newtons
	Puncture	1	20 newtons
CE Certified EN374	EN374-1:2003		Breakthrough Time
 AKL	Methanol	6	> 8 hrs
	Sodium Hydroxide (40%)	6	> 8 hrs
	Sulfuric Acid (96%)	6	> 8 hrs
	EN374-2:2003		
	Resistance to Penetration	3	(Inspection level G1, AQL ≤ 0.65)
	Tensile Strength		13.1 Mpa (1900 psi) min
Physical Properties according to ASTM D412	Ultimate Elongation		500% min
	500% Tension Stress		17.2 Mpa (2500 psi) max

LAUNDERING / STORAGE

Chemical resistant gloves are not designed for laundering.

Three year shelf life when stored in original packaging in a cool dry place away from light. Recommended temperature range: 50°F to 86°F (10°C to 30°C).

GLOVE BOX PART NUMBERING

8	Y	15	32	A	/9Q	Ref 1
Port diameter (in)	Material Y = CSM	Nominal thickness (mil)	Nominal length (in)	Hand specificity A = ambidextrous No letter = RH/LH pr	Size (9 ¾)	EC Certification Reference, Ref 1

WARRANTY

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WARNINGS

*Extreme caution should be used around moving machinery.

**Cleaning gloves that have been in contact with toxic or corrosive chemicals may result in a chemical reaction, including fumes that could cause personal injury, serious illness, or death.

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