

**NORTH CONTROLLED ENVIRONMENT GLOVES**

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

Last Updated – (March 2021)



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

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 24 in and 36 in (+/1 in) available




**APPLICATIONS**

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

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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  <b>3 0 1 1X</b>	EN388:2016		
	Abrasion	3	≥ 2000 cycles
	Blade Cut	0	< 1.2 index
	Tear	1	≥ 10 newtons
	Puncture	1	≥ 20 newtons
	TDM Cut	X	No Claim
CE Certified EN374:2016 Type A  <b>AKLMNP</b>	EN374-1:2016		Breakthrough Time
	Methanol	6	> 8 hrs
	Sodium Hydroxide (40%)	6	> 8 hrs
	Sulfuric Acid (96%)	6	> 8 hrs
	Nitric Acid (65%)	6	> 8 hrs
	Acetic Acid (99%)	6	> 8 hrs
	Hydrogen Peroxide (30%)	6	> 8 hrs
	EN ISO374-5:2016		
	Resistance to Penetration	3	(Inspection level G1, AQL ≤ 0.65)
		EN421:2010	
Protection against particulate radioactive contamination			
Physical Properties according to ASTM D412	Tensile Strength		13.1 Mpa (1900 psi) min
	Ultimate Elongation		500% min
	500% Tension Stress		17.2 Mpa (2500 psi) max

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

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#### 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).

#### WARRANTY

Honeywell products are covered by and subject to the terms of the Honeywell Safety Products Limited Warranty that is printed in our published price list. The Honeywell Safety Products Limited Warranty is the only written warranty of any force and effect, and all other written warranties are disclaimed in their entirety. In no event shall Honeywell Safety Products or any of its authorized dealers be liable for any damages in excess of the purchase price of the relevant product. This limitation applies to damages of any kind, including but not limited to direct or indirect damages or other special, incidental exemplary or consequential damages, whether arising out of the use or inability to use the product, even if we or any of our authorized dealers has been advised of the possibility of the damages or any claim by any other party. Servicing of any product with parts not approved by us will void the warranty and may result in loss of any certification or approval applicable to the product.

#### 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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