



FEEL THE SW  
DIFFERENCE®

# CHEMICAL PROTECTION FOR TECHNICAL ENVIRONMENTS.



**PowerChem®**

**PC-12WT100**

ECOTEK SUSTAINABLE NITRILE CLEANROOM  
GLOVES\*

**HIGH-PERFORMANCE NITRILE CLEANROOM  
GLOVES DELIVER EXCEPTIONAL DURABILITY,  
CHEMICAL RESISTANCE, AND PARTICULATE  
CONTROL FOR CONTROLLED ENVIRONMENTS**

- EcoTek® Sustainable Technology\*
- SafeDon® dispensing minimizes cross-contamination while delivering significant space and packaging savings. (Save over 40% on space and storage and reduce cardboard waste by 20% compared to conventional 100-glove boxes.)
- Low Dermatitis Potential (LDP) minimizes the risk of Type I and Type IV allergies and enhances safety for users with sensitive skin
- Class 100 (ISO 5) cleanroom gloves
- Extended-cuff for additional protection
- Optimal thickness for durability and tactile sensitivity
- Tear-resistant beaded cuff eases donning

PC

**PC-12WT100**

WEIGHT	LENGTH	THICKNESS	FEATURES	COLOR
 8.0g (large size)	 12.0"	 6.2 mil 5.0 mil	EcoTek®	 WHITE

100% Air Inspected

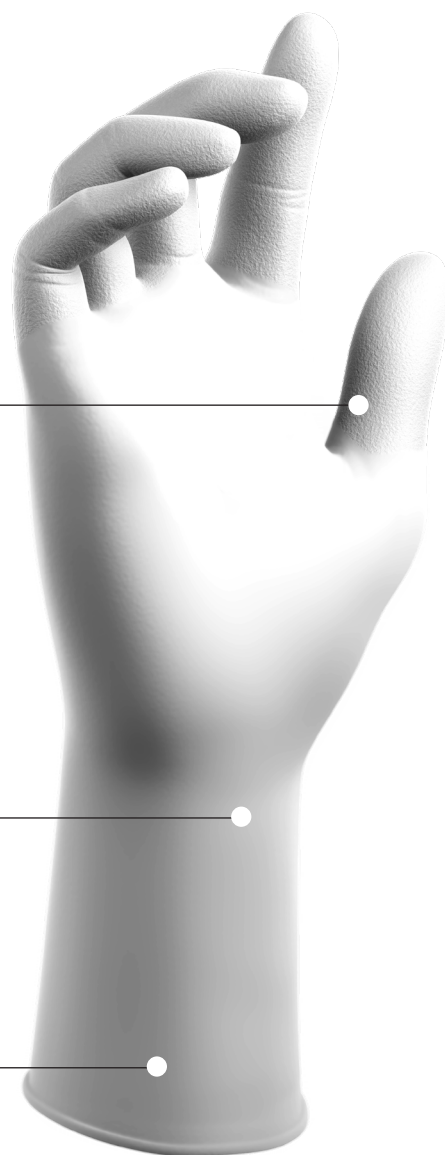
75% Less Residue

Consistent Tip to Cuff

Finger textured  
surface for wet  
and dry grip

Extended-cuff  
for added coverage  
and protection

Tear-resistant  
beaded cuff for  
easy donning



Feel the  
difference.™

SW®  
33278 Central Avenue, Unit 102, Union City, CA 94587, USA  
Tel: +1.510.429.8692 | Fax: +1.510.487.5347  
Trademarks and registered trademarks are the property of SW and its affiliates.  
©2025 SW. All rights reserved.



WOMEN  
OWNED



\* EcoTek gloves are tested in an independent laboratory for their Anaerobic Biodegradation potential Under Accelerated Landfill Conditions. Results show 92.6% biodegradation in 60% solids landfill at 945 days. Future results cannot be predicted/extrapolated. If you need more information on the testing, contact [cs@swssglobal.com](mailto:cs@swssglobal.com).

## TECHNICAL DATA



### PC-12WT100

ECOTEK SUSTAINABLE NITRILE CLEANROOM GLOVES\*

## PRODUCT DESCRIPTION

### SPECIFICATIONS

PRODUCT		PowerChem®	
GRADE		Industrial	
MATERIAL		Nitrile	
THICKNESS	FINGER	6.2mil	0.15mm
	PALM	5.0mil	0.12mm
	CUFF	4.0mil	0.10mm
COLOR		White	
SURFACE		Finger Textured	
LENGTH		12.0"	290mm
WEIGHT		8.0g	
FIT TYPE		Ambidextrous	
CUFF TYPE		Beaded	
WATERTIGHT AQL		1.5	
ORIGIN COUNTRY		Malaysia	
TECHNOLOGIES		EcoTek	

Specifications based on size Large glove

### PHYSICAL PROPERTIES

PRE-AGING		POST-AGING
TENSILE STRENGTH:	>14 MPa	>14 MPa
ELONGATION:	500%	400%
CLEANROOM CLASS		Class 100 / ISO 5
PARTICLE COUNT		<1200 COUNTS/CM <sup>2</sup>
(PARTICLE SIZE ≥ 0.5 MICROMETER)		
IONIC RESIDUE CONTENT (MICROGRAM/CM <sup>2</sup> )		
FLUORIDE	ND	
CHLORIDE	<0.5	
BROMIDE	ND	
NITRATE	<0.2	
PHOSPHATE	ND	
SULFATE	ND	
SODIUM	<0.05	
MAGNESIUM	ND	
POTASSIUM	<0.05	
NON-IONIC RESIDUE DETECTION		
SILICONE	ND	
AMIDE	ND	
DIOCTYL PHTHALATE (DOP)	ND	

Note: ND - Not detected.



## STANDARDS & CERTIFICATIONS

ISO 14644-9:2012	EN 455-2000-2015
IEST-RP-CC005.4	EN ISO 23464:2020
ASTM D6319-19	ASTM F739-12
ASTM D5151-19	Reach EU 1907/2006
ASTM D6978-05(2019)	EU 2016/425
ASTM F1671-13	FDA 21 CFR 177.2600
EN ISO 21420:2020	
EN 374:2016+A1:2018	

Please visit [swssglobal.com/symbols](http://swssglobal.com/symbols) for information on standards used on this document.



## ORDERING

ITEM NO.	SIZE	PALM WIDTH	PACKAGING
N427102	S 6½ – 7	3.4" 85mm	100 gloves per bag 10 bags per case
N427103	M 7½ – 8	3.7" 95mm	100 gloves per bag 10 bags per case
N427104	L 8½ – 9	4.1" 105mm	100 gloves per bag 10 bags per case
N427105	XL 9½ – 10	4.5" 115mm	100 gloves per bag 10 bags per case

Packaging uses SafeDon® dispensing to minimize cross-contamination while delivering significant space and packaging savings.

## APPLICATIONS

High-Tech Industry Manufacturing  
Electronic Component Manufacturing  
Semiconductor Production  
Precision Circuit Board Assembly  
Chip Manufacturing  
Medical Operations  
Laboratory Operations  
Food Processing  
Cosmetic Packaging  
Electronics Factories  
Pharmaceutical  
Medical Devices Manufacturing  
Biotechnology

Keep out of sunlight. Store in a cool, dry place.  
Keep away from sources of ozone or ignition.



R\_N42710X0126



SW®  
33278 Central Avenue, Unit 102, Union City, CA 94587, USA  
Tel: +1.510.429.8692 | Fax: +1.510.487.5347  
Trademarks and registered trademarks are the property of SW and its affiliates.  
©2025 SW. All rights reserved.



This product does not contain substances of very high concern (SVHCs), restricted substances, carcinogenic, mutagenic, or reprotoxic (CMR) substances, endocrine disruptors, tissues or cells of human or animal origin, or intentionally added nanomaterials. This information is provided for biocompatibility review and reporting purposes.