



FEEL THE SW  
DIFFERENCE®

# CHEMICAL PROTECTION FOR TECHNICAL ENVIRONMENTS.



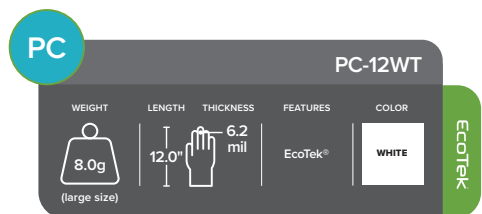
**PowerChem®**

**PC-12WT**

ECOTEK SUSTAINABLE NITRILE CLEANROOM  
GLOVES\*

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

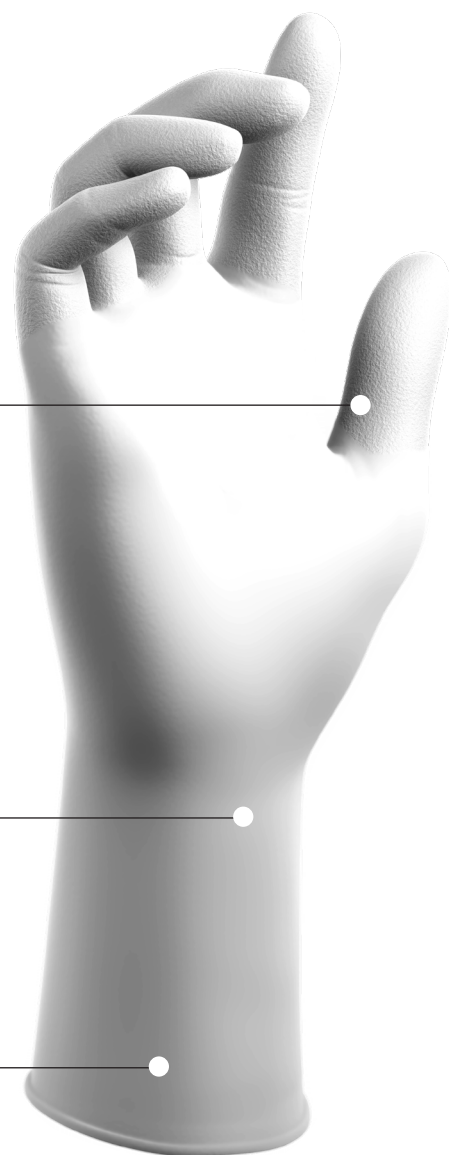
- EcoTek® Sustainable Technology\*
- SafeDon® dispensing minimizes cross-contamination while delivering significant space and packaging savings. (Save over 40% on space and storage and reduce cardboard waste by 20% compared to conventional 100-glove boxes.)
- Low Dermatitis Potential (LDP) minimizes 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



Finger textured  
surface for wet  
and dry grip

Extended-cuff  
for added coverage  
and protection

Tear-resistant  
beaded cuff for  
easy donning



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## TECHNICAL DATA



### PC-12WT

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
<b>TENSILE STRENGTH:</b>	>14 MPa	>14 MPa
<b>ELONGATION:</b>	500%	400%
<b>CLEANROOM CLASS</b>	Class 100 / ISO 5	
<b>PARTICLE COUNT</b> (PARTICLE SIZE ≥ 0.5 MICROMETER)	<1200 COUNTS/CM <sup>2</sup>	

#### IONIC RESIDUE CONTENT (MICROGRAM/CM<sup>2</sup>)

<b>FLUORIDE</b>	ND
<b>CHLORIDE</b>	<0.5
<b>BROMIDE</b>	ND
<b>NITRATE</b>	<0.2
<b>PHOSPHATE</b>	ND
<b>SULFATE</b>	ND
<b>SODIUM</b>	<0.05
<b>MAGNESIUM</b>	ND
<b>POTASSIUM</b>	<0.05

#### NON-IONIC RESIDUE DETECTION

<b>SILICONE</b>	ND
<b>AMIDE</b>	ND
<b>DIOCTYL PHTHALATE (DOP)</b>	ND

\* Note: ND - Not detected.



## STANDARDS & CERTIFICATIONS

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

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



## ORDERING

CAT NO.	MFG NO.	SIZE	PALM WIDTH	PACKAGING
18-139-432	N427102	S 6½ – 7	3.3" 85mm	100 gloves per bag 10 bags per case
18-139-433	N427103	M 7½ – 8	3.7" 95mm	100 gloves per bag 10 bags per case
18-139-434	N260504	L 8½ – 9	4.2" 107mm	100 gloves per bag 10 bags per case
18-139-435	N427105	XL 9½ – 10	4.5" 114mm	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.



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\*EcoTek gloves tested to ASTM D5526-12 Standard Test Method for Determining Anaerobic Biodegradation of Plastic Materials Under Accelerated Landfill Conditions. Results are 92.6% biodegradation in 60% solids landfill at 945 days. Future results cannot be predicted/extrapolated. If you need more information on the test reports, send email to [cs@swssglobal.com](mailto:cs@swssglobal.com).