

# Sterile polychloroprene cleanroom gloves, offering chemical and chemotherapy drug resistance

- **Specialized protection:** BioClean™ P-Zero BPZS are tested against ASTM D6978 and EN standards for chemotherapy drug handling and chemical resistance
- **Reduced contamination risks:** These latex- and powder-free free cleanroom gloves come in EasyTear packaging, limiting potential contamination risks
- **Heightened flexibility and comfort:** Their stretchy polychloroprene formulation ensures excellent flexibility, dexterity and comfort
- **More sustainable packaging:** These polychloroprene gloves' plastic packaging is recyclable\* and delivered in cardboard shipper cases made from recycled content

\*Always check your local recyclable status as these materials may not be considered suitable for recycling in your location



## KEY FEATURES & BENEFITS

- **ASTM and EN standards:** Protection against cytotoxic drugs
- **ESD properties:** For safeguarded component integrity
- **Non-particulating EasyTear packaging:** Reduced contamination risks

## Industries

- Biotechnology Manufacturing
- Controlled and Critical Environments
- Laboratory and Research
- Medical Device Manufacturing
- Pharmaceutical Manufacturing
- Production and Manufacturing



## P-Zero BPZS

Sterile Disposable Neoprene  
(Polychloroprene) Cleanroom Glove

### TECHNICAL DATA SHEET

	Product Information
Material	Neoprene (Polychloroprene)
Color	Natural
Shape	Hand Specific
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 14001, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D, NEBB Certified Cleanrooms
Regulatory/Standard Compliance	ASTM D6978, CE 0493, EN 421:2010, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 455 Part 2, Category III, UKCA
Packaging	One pair per inner PE wallet; one wallet per sealed EasyTear PE pouch; 10 pouches per sealed outer PE bag; 20 outer bags per lined carton (200 pairs)  <b>More sustainable packaging:</b> These sterile neoprene gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Country of Origin	Indonesia
Available sizes	6, 6.5, 7, 7.5, 8, 8.5, 9
Powder Content	Powder-Free
External Glove Surface	Textured Fingers and Palm
Internal Glove Surface	Polymer Coated
Sterilization Method	GAMMA irradiation (25 kGy)
Sterilization Minimum Dose	25kGy
Sterility Assurance Level	10 <sup>-6</sup>
Cleanroom Class	Class 10/ISO Class 4 & EU GMP Grade A/B and other sterile cleanrooms
Shelf Life	Five (5) years from date of manufacture
Tested for use with Chemotherapy Drugs	Yes
Protein Level	N/A: contains no natural rubber latex
Anti-static	No
Vulcanization Chemical Accelerators	<ul style="list-style-type: none"><li>• None</li></ul>



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Physical Properties								Testing Method
Sizes	6	6.5	7	7.5	8	8.5	9	
Typical Length (mm/in)	300 / 12							EN ISO 21420
Palm Width (mm/in)	77/3	83/3.2	89/3.5	95/3.7	102/4	108/4.3	114/4.4	
Freedom from Holes	0.65 AQL Performance Level 3							EN 374-2
Typical Particle Count ≥0.5µm (counts / cm <sup>2</sup> )	<1300							TEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.15 / 5.91							EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.18 / 7.09							EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.11 / 4.33							EN 455-2
Force at Break (N) During Aging	≥ 9 N							EN 455-2

## IONIC CONTENT

Concentration in µg/cm <sup>2</sup>	Typical	Concentration in µg/cm <sup>2</sup>	Typical
Ammonium	0.005	Nitrate	1.63
Bromide	Available on File	Nitrite	Available on File
Calcium	0.929	Phosphate	Available on File
Chloride	0.25	Potassium	0.42
Fluoride	Available on File	Sodium	0.15
Lithium	Available on File	Sulphate	0.070
Magnesium	Available on File	Zinc	Available on File

## ORDERING INFORMATION

SIZE	6	6.5	7	7.5	8	8.5	9
REORDER NO.	BPZS60	BPZS65	BPZS70	BPZS75	BPZS80	BPZS85	BPZS90

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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