



Data Sheet





Controlled level of contamination

Pair packed in an ISO Class 5/Class 100 environment, Easy Peal pouches packed into LDPE inners and then packed into a lined shipper carton.

Sterility

Triple DI washed and sterilised via EN ISO 11137 GAMMA Irradiation for an unrivalled clean end product.

Superior comfort and natural fit

The soft and strong glove with flexible polymer formulation allows for an improved user fit for longer term wearing comfort. Longer cuff allows for wearing over the cuffs of Clean Room Coveralls. Suitable for double donning.

Ambidextrous

Fits either hand conveniently without needing to determine left or right for easier donning.

100% Nitrile

Nitrile powder-free with no plasticizers, silicone or pigments.

Excellent grip

Well suited for electrically sensitive applications requiring superior grip.

Application

ASAP Sterile Clean Room Nitrile gloves are recommended to be used in industries for:

- Static safe for handling sensitive parts and materials in microelectronic industries
- Barrier protection against harmful chemicals and infectious fluids
- Protection from bodily fluids such as blood or mucus.

Industry icons:



Cleanroom Facilities

Regulations

- PPE Regulation (EU) 2016/425
- Food contact Regulation (EU) 1935/2004

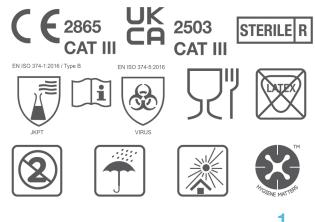
Harmonised Standards

- EN 420:2003+A1:2009
- EN ISO 21420:2020
- EN 455-1:2020
- EN 455-2:2015

Quality Assurance

- ISO 9001:2015
- ISO 13485:2016
- ISO 14001:2015

- EN 374-1:2016+A1:2018
- EN 374-4:2019
- EN 374-5:2016
- EN 1149-5







Examination & Surgery (E&S)

Research & Development (R&D)



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Physical Properties Sheet: Product Information

Series Number	
Acceptable Quality Level (AQL)	
Packaging	

20170S-5 1.5, EN 455-1 1 pair/Pouch, 50 pairs in LDPE inner, 4 inners per carton.

Packaging Dimensions

Pair Pouch	145 x 285mm
LDPE inner	330 x 432 mm
Carton	300 x 300 x 250mm



Product Size Codes

	Extra Small	Small	Medium	Large	Extra Large	Extra Extra Large
	XS 5	S 6	M 7	L 8	XL 9	XXL 10
	20171S-5	20172S-5	20173S-5	20174S-5	20175S-5	20176S-5
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Physical Properties Specification: Dimension Specification

		Particular	Specification	Test Method	
	Palm Width	Extra Small	73—82mm		
		Small	83—92mm		
		Medium	93—102mm		
		Large	103—112mm		
Dimension		Extra Large	113mm-122mm	EN 455-2 &	
Dimension		Extra Extra Large	123mm-132mm	ASTM D6319	
	Length		Min 295mm		
	Thickness (Single Wall)	Cuff (25mm from bead)	Min 0.06mm		
		Palm (centre of palm)	Min 0.09mm		
		Finger (13mm from tip)	Min 0.14mm		
	Force at Break (N)	Before Aging	Min 6.0N Median >10N	EN 455-2	
		After Aging	Min 6.0N Median >10N		
Physical		Before Aging	Min. 14 MPa		
Properties	Tensile Strength (MPa)	After Aging (at 70 ± 2°C for 7 days)	Min. 14 MPa	ASTM D6319	
	Elongation (%)	Before Aging	Min. 500%	ASTM D6319	
		After Aging (at 70 ± 2°C for 7 days)	Min. 400%		
Physical	Rolled beaded cuff		• White colour		
Appearance	Finger textu	red surface	Ambidextrous		



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Cleanliness Properties

Clean Room Compatibility	Class 100, ISO Class 5
Sterilisation method	EN ISO 11137-1 Sterilisation of Health Care Products
	GAMMA Irradiation, Min 25.0 kGy, Max 45.0 kGy
Sterility Assurance Level (SAL)	10 ⁻⁶ ,
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Particles	Typical Particle Count	Test Method	
≥ 0.5µm (counts/cm²)	<1,200	IEST-RP-CC005.4, 16.1, 16.2,	

Parameters	Acceptable Limit	Test Method
Ionic Content (ug/cm ²)		
• Fluoride (F ⁻)	< 0.030	
• Chloride (Cl ⁻)	< 1.200	
• Bromide (Br ⁻)	< 0.050	
• Nitrate (NO ₃ -)	< 1.000	
• Phosphate (PO ₄ ³⁻)	< 0.800	IEST-RP-CC005, 17.1, 17.2, 17.3
• Sulphate (SO ₄ ²⁻)	< 0.800	
● Sodium (Na⁺)	< 0.050	
Magnesium (Mg ²⁺)	< 0.010	
• Potassium (K*)	< 0.100	
Non-Volatile Residue (ug/cm ²)	<10.00	IEST-RP-CC005, 17.1, 17.2,
Silicone	N/D	IFOT DD 00005 474 470
Amide	N/D	IEST-RP-CC005, 17.1, 17.2, 17.4
Dioctyl phthalate (DOP)	N/D	

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