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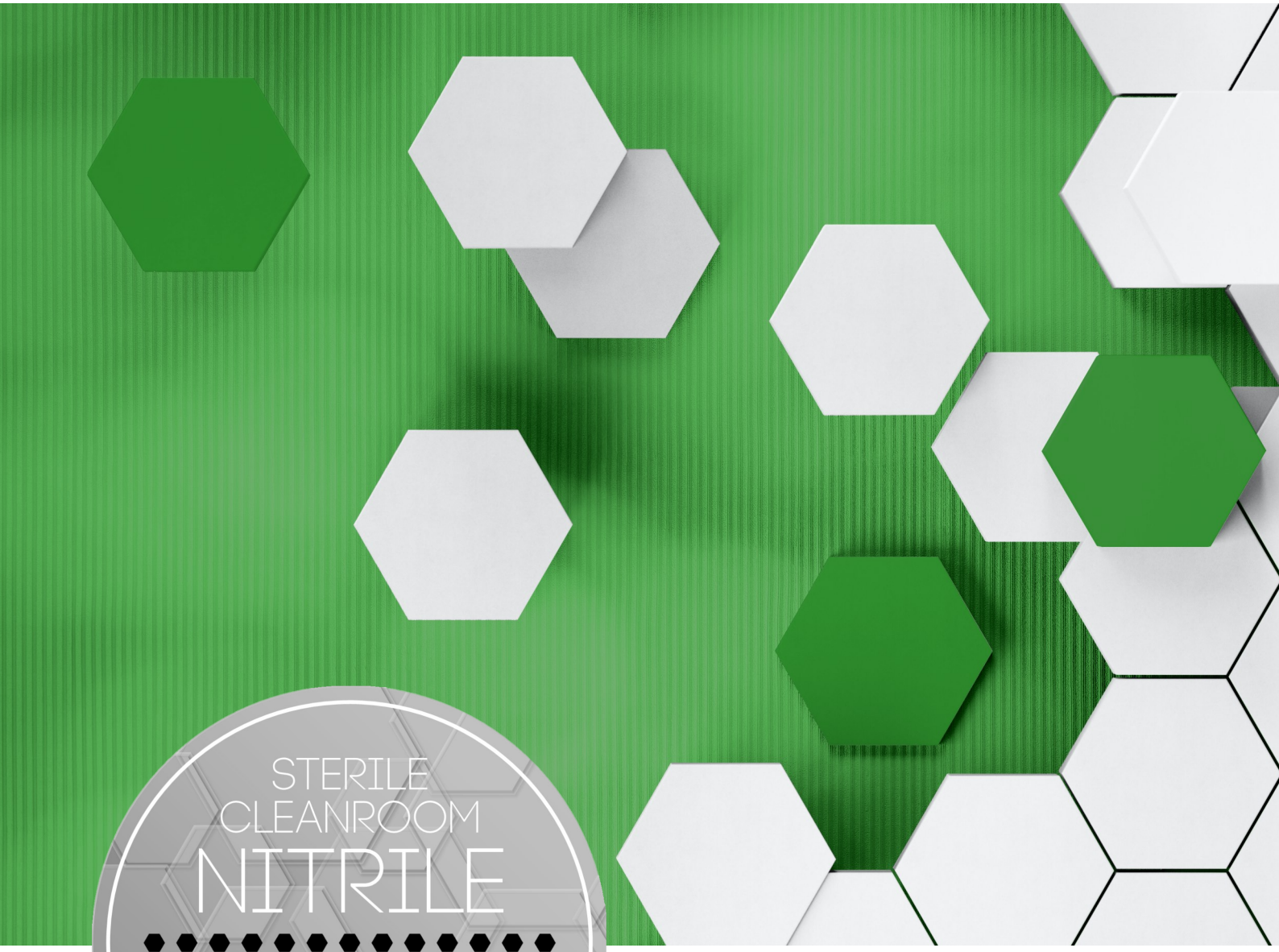

STERILE CLEANROOM NITRILE

POWDER FREE DISPOSABLE GLOVES

*Elevate Your **Cleanliness***

*Protect with **Precision**!*

Series No.:
20170S-5 Series Sterile Nitrile Cleanroom Powder Free Disposable Gloves

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NITRILE POWDER FREE
DISPOSABLE GLOVES

BENEFITS OF STERILE NITRILE CLEANROOM DISPOSABLE GLOVES

Experience Glove Perfection
Our meticulous process begins with a precise on-line chlorination, transforming the inner surface from tacky to irresistibly silky smooth. Donning gloves has never been this effortless. Then, off-line chlorination takes the stage, sculpting the outer surface to perfection. The degree of smoothness is an art, skilfully controlled by the concentration of chlorine.

Sterile Excellence:
Our gloves are triple DI washed and sterilized via EN ISO 11137 Gamma Irradiation, setting a new standard for sterility and cleanliness in critical applications.

Optimal Length and Thickness:
At 300mm in length and 0.11mm palm thickness, these gloves offer complete hand and wrist protection while preserving tactile sensitivity. Their extended length permits wearing over Clean Room Coverall cuffs, making them ideal for double donning.

Ambidextrous Brilliance
Designed to fit either hand effortlessly, these gloves simplify the donning process, making them perfect for fast-paced environments.

Chemical Resistance:
These gloves offer resistance to a wide range of chemicals (EN Chemicals JKPT), enhancing their versatility in various industries.

Application Versatility:
Ideal for pharmaceutical, cleanroom, industrial, and manufacturing sectors, these gloves are the epitome of versatility.

Regulations
- PPE Regulation (EU) 2016/425
- Food Contact Regulation (EU) 2020/1245 of Regulation (EU) No 10/2011

Harmonized Standards
- EN 420:2003+A1:2009
- EN ISO 21420:2020
- EN 455-1:2020
- EN 455-2:2015
- EN 374-1:2016+A1:2018
- EN 374-4:2019
- EN 374-5:2016
- EN 1149-5

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

EN ISO 374-1:2016 +A1:2018/Type B JKPT

EN ISO 374-5:2016 VIRUS

CE CAT III 2777 UKCA STERILE R

HYGIENE MATTERS™

At ASAP, we are committed to hygiene control and quality assurance. Proper hygiene standard is practiced throughout the development of all ASAP products from raw materials handling, processing, production, inspection, to our finished product to deliver high quality products while limiting risk of cross-contamination.

Look for the Hygiene Matters™ logo, quality and hygiene you can trust.

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Colour Option:

Cleanroom

Healthcare

Safety

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Series Size Codes

X Small	Small	Medium	Large	X Large	XX 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

Product Specifications

Design	Ambidextrous, Finger Textured, Beaded Cuff
Colour	White
Acceptance Quality Level (AQL)	1.5
Packing Mode	1 pair/Pouch, 50 pairs in LDPE inner, 4 inners per carton.

Dimension Specifications

	Palm Width (mm)	Length (mm)		Thickness Single Wall (mm)		
		EN 455	ASTM	Cuff	Palm	Finger
XS	75 ± 5	Min. 290	Min. 290	0.08 ± 0.02	0.11 ± 0.02	0.14 ± 0.02
S	85 ± 5					
M	95 ± 5					
L	105 ± 5					
XL	115 ± 5					
XXL	125 ± 5					

Physical Properties Specifications

	EN455 | Force at Break (N)	ASTM | Tensile Strength (MPa)	ASTM | Elongation (%)
Before Aging	Min. 6.0, Median >10N	Min. 14	Min. 500
After Aging	Min. 6.0, Median >10N	Min. 14	Min. 400

Packaging Dimensions

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

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Cleanliness Properties

Compatibility

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}
Endotoxins	<20 EU/Pair, EN 455 3:2015, 4.3

Particles

Particles	> 0.5µm (counts/cm^2)
Typical Particle Count	<1,500
Test Method	IEST-RP-CC005.4

FTIR analysis

Silicone	ND
Amide	ND
Phthalates	ND

Extractable Ions

Extractable Ion	Typical Value (ug/cm^2)	Test Method
Fluoride (F-)	< 0.010	IEST-RP-CC005.4
Chloride (Cl-)	< 0.600	
Bromide (Br-)	< 0.050	
Nitrate (NO3-)	< 1.200	
Phosphate (PO43-)	< 0.050	
Sulphate (SO42-)	< 0.100	
Lithium (Li+)	< 0.001	
Sodium (Na+)	< 0.100	
Ammonium (NH4+)	< 0.100	
Potassium (K+)	< 0.100	
Magnesium (Mg2+)	< 0.010	
Calcium (Ca2+)	< 0.600	

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Instructions For Use

Description - Cleanroom Nitrile Powder Free Disposable Gloves, sterile, Single Use Only.

Intended Use - ASAP Cleanroom nitrile glove is a disposable glove product worn to protect the hand of wearer against mechanical action whose effects are superficial, cleaning materials of weak action and easily reversible effects.

How To Don Gloves - Inspect the gloves to ensure there are no pinholes or tears. If gloves are ambidextrous, they can be worn on either hand. If not, align the glove's fingers and thumb with the proper hand before donning. Insert five fingers into the cuff and pull the cuff over the wrist. Check for a secure fit around the fingers and palm. The cuff should fit snuggly around the wrist.

How To Doff Gloves - After use, users should visually check the glove and remove any contamination from the outer surface before removing the gloves from the hands. Grasp the outside edge of the glove near the wrist. Peel the glove away from the hand, turning it inside out. Hold it in the opposite glove hand. Slide an ungloved finger under the wrist of the remaining glove, be careful not to touch the outside of the glove. Peel the remaining glove off from the inside, creating a "bag" containing both gloves. Discard.

Disposal - Properly dispose of all used nitrile glove. Follow your institution's policies for use and disposal of these gloves.

Storage - Store in a dry place. Avoid excessive heat (30°C). Exposed product should be shielded from direct sunlight, intense artificial light, x-ray machines, and other source of ozone.

Shelf Life - Three years from the manufacturing date.

Warning - These gloves are for single and transient use only.

Caution - This information does not reflect the actual duration of protection in the workplace and the differentiation between mixtures and pure chemicals. The chemical resistance has been assessed under laboratory conditions from samples taken from the palm only (except in cases where the glove is equal or over 400mm - where the cuff is also tested) and relates only to the chemical tested.

It can be different if the chemical is used in a mixture. It is recommended to check that the gloves are suitable for the intended use because the conditions at the workplace may differ from the type test depending on the temperature, abrasion, and degradation. When used, protective gloves may provide less resistance to the dangerous chemical due to changes in the physical properties. Movements, snagging, rubbing, degradation caused by the chemical contact etc. may reduce the actual use time significantly.

For corrosive chemicals, degradation can be the most important factor to consider in selection of chemical resistant gloves. This product contains nitrile rubber, which may cause allergic reactions in individuals who are known or suspected to be allergic to nitrile rubber. If an allergic reaction occurs, stop using immediately and consult a physician. This product is not made of natural rubber latex.

EN ISO 374

Chemical Permeation (EN ISO 374-1:2016/+A1:2018Type B)	Level	Mean Degradation % (EN ISO 374-4:2019)	
J n-Heptane	2	29	Degradation levels indicate the change in Puncture Resistance of the glove after exposure to the challenge chemical.
K 40% Sodium Hydroxide	6	-32	
P 30% Hydrogen Peroxide	4	13	
T 37% Formaldehyde	5	11	

EN ISO 374

EN 16523-1:2015+A1:2018 Classification of Permeation Performance Level

Measured Breakthrough Time (min)	>10	> 30	> 60	> 120	> 240	> 480
Permeation Performance Level	1	2	3	4	5	6

The penetration levels have been assessed under laboratory conditions and relates only to the tested specimen.

Resistance against Bacteria and Fungi - PASS
Resistance against Virus - Pass

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