

C100-30 GAMMA

Sterile Cleanroom gloves

Sterile Nitrile Cleanroom gloves

- ISO Class 5 & EU GMP Grade A
- Surface: Finger Texture
- Shape: Hand Specific (left and right)
- Sterilisation: Gamma Irradiation
- Powder free
- Anti-static
- Trippel Packed

Tested according to:

- AQL 1,5
- EN374-2 (2014)
- EN420 6.2 (2003) + AI (2009)
- EN420 6.1 (2003) + AI (2009)
- ISO 3071 (2020)
- EN 16523-1 2015 + AI (2018)
- ISO 374-4 (2019)
- EN ISO 374-1: 2016 TYPE B
- EN ISO 374-5: 2015

Sterilization Method: Gamma irradiation
 Minimum Dose: 25kGy
 Sterility Assurance Level: 10⁻⁶

Shelf Life & Storage:
 Five (5) years from date of manufacture
 Store in a dry, cool place



MATERIAL	COLOUR	LENGTH	PACKING
Nitrile	White	Min. 300 mm	20 pairs per tripple pack 200 pairs per carton

SIZE	6,5	7,0	7,5	8,0	8,5	9,0
ITEM NO.	100137	100138	100139	100140	100141	100142



SPECIFICATIONS



C100-30 gamma

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Material	100 % Nitrile
Liquid particle test Particle size of 0,5 micron only	Max 1500 counts / cm ² <i>(Tested in accordance to IEST- RP- CC- 005.2: Orbital shaking method)</i>
Cobber corrosion test	No visible discoloration
FTIR	No silicone, amide and DOP detected <i>(Tested in accordance to IES- RP- CC- 005,2)</i>
Non-volatile residue (NVR)	Max. 30 mg/g <i>(Tested in accordance to IES- RP- CC- 005,2)</i>
Surface Resistivity (SR)	10 ⁹ -10 ¹¹ Ω/sq (antistatic) <i>(Tested in accordance to ASTM D257-93)</i>
Design and Feature	Ambidextrous, straight fingers, fingertips textured and beaded

TRACE ELEMENTS	Less than (µg/cm ²)
F	<0.01
CL	<0.30
NO ₂	<0.01
Br	<0.01
NO ₃ ²⁻	<0.20
PO ₄ ²⁻	<0.10
SO ₄ ²⁻	<0.05
NA ⁺	<0.05
K ⁺	<0.05
Ca ²⁺⁺	<0.05
Mg ²⁺	<0.05

(Tested in accordance to IEST- RP- CC- 005.2)

LOCATION OF THICKNESS MEASUREMENTS	Single wall (mm)
Finger <i>(at 13 ± 3mm from fingertip)</i>	Min. 0.14
Palm <i>(at center of palm)</i>	Min. 0.11
Cuff <i>(at 25 ± 5mm from cuff edge)</i>	Min. 0.08

PHYSICAL PROPERTIES	BEFORE AGING	AFTER AGING
Force at break	≥ 6N	≥ 6N

Quality Assurance

Meet or exceed ASTM D 6319 on water leak & dimension .
Meet or exceed EN 455 - 1 & 2.

Manufactured under GMP, ISO 9001, ISO 13485 quality system

Recommended usage

Cleanroom ISO 5

Pharmaceutical, Hospital, Biotech, and other areas where clean sterile gloves with good ESD properties are required,

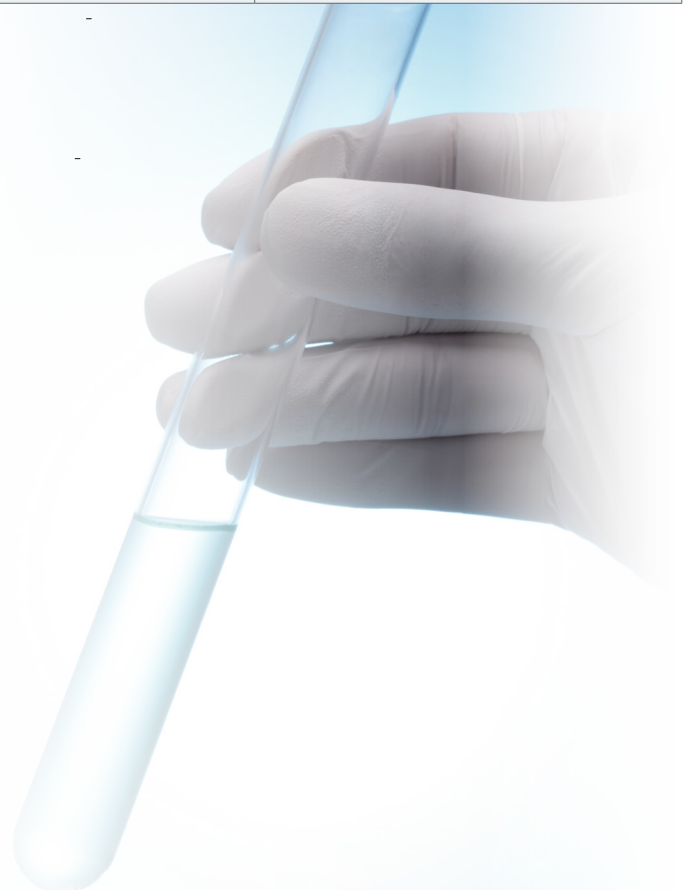


CHEMICAL TEST

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CHEMICAL	CAS NO:	CONCENTRATION	BREAKTHROUGH TIME
Ethanol	64-17-5	70 %	37 min
Formaldehyde	50-00-0	37 %	480 min
n-heptane	142-82-5	99%	480 min
Sodium Hydroxide	1310-73-2	40%	480 min



Updated: 04.10.2021