

Technical Datasheet QUANTUS MEDICAL Infection Guard Nitrile Gloves



PRODUCT SPECIFICATIONS

Brand name: QUANTUS MEDICAL Infection Guard Nitrile

Product description

Disposable examination gloves made of nitrile, blue, non-sterile, powder-free, with textured fingertips. The glove has a pull-out tab at wrist level, which should be used when removing the glove to minimize the risk of contamination. Suitable for treatment with cytostatics.

Areas of application / Intended use

A disposable examination glove is a single-use article for medical purposes that is worn on the hand and fingers of the user to prevent contamination of the patient and the attending person.

Remarks

Suitable for use in medical, food and industrial sectors.

QUALITY ASSURANCE

Applied Standards

EN 455-1:2020, EN 455-2:2015, EN 455-3:2015, EN 455-4:2009, ISO 10993-5:2009, ISO 10993-10:2010, EN ISO 13485:2016, EN 420:2003+A1:2009, EN ISO 21420:2020, EN ISO 374-1:2016+A1:2018, EN ISO 374-2:2014, EN ISO 374-4:2019, EN ISO 374-5:2016, DIN EN 16523-1:2015

Personal Protective Equipment (PPE) (EU 2016-425) Class III Type B & Medical Device Class I (EU 2017-745)



+ PRODUCT INFORMATION

Product conformity	EN455 (Current Revision)
Material	Carboxylated butadiene acrylonitrile
Cuff finish	Beaded cuff
Color	Blue
Type	Ambidextrous
Surface treatment	Textured fingers

+ PHYSICAL PROPERTIES

Dimensions		
Size	Length in mm	Palm width in mm
S (QM5218101YNP-S)	Min. 250	85 +/- 5
M (QM5218101YNP-M)	Min. 250	95 +/-5
L (QM5218101YNP-L)	Min. 250	106 +/-5
XL (QM5218101YNP-XL)	Min. 250	115 +/-5

Single wall thickness in mm		
Area	Specification	Typical value
Cuff	0,04 – 0,08	0,05
Palm	0,05 – 0,09	0,06
Finger	0,08 – 0,14	0,1
Cuff bead	Min. 0,5	0,6

Tear resistance (N)

- Unaged → min. 6
- Aged → min. 6

Powder residues

- Max. 2,0 mg per glove

QUALITY SPECIFICATIONS

Examination criterion	AQL Sampling
Protection level against micro-holes	< 1,5
Dimension	13 pieces (Average value)
Tear resistance	13 pieces (Average value)
Watertightness test	G1 - AQL 1,5
Small visual inspection	G1 - AQL 2,5
Large visual inspection	G1 - AQL 4,0
Powder residues	n = 5 (Average value)
Packaging condition	n = 5 (AND)*
Glove count	n = 5 (AND*)

*AND = Accept No Defects

Packaging units

- 100 gloves per inner box
- 10 boxes per carton

Storage conditions

Store at room temperature and protect from dust, moisture, sunlight and ozone.
The shelf life of the product is 3 years.