



TECHNICAL DATA SHEET
NITRIL GLOVES

The nitrile gloves of Gerko are specially developed to offer comfort and protection during the spraying process. Wearing nitrile gloves prevents hair, skin flakes and oil from coming into contact with the paint and protects the user from splashes of chemicals.

PROPERTIES

- Thickness 6 mil (0.15mm)
- Roughened fingertips and palm for better grip
- Extremely suitable for working with paint and solvent
- Latex free
- Silicone and powder free to prevent contamination of the paint

PHYSICAL PROPERTIES

Code	Description	Pieces per box	Pieces per pallet
NGB10	Nitril gloves black M 100 pcs.	10	720
NGB20	Nitril gloves black L 100 pcs.	10	720
NGB30	Nitril gloves black XL 100 pcs.	10	720

DESIGN AND FEATURE

	Description
Material	Nitrile synthetic latex
Features	Non-sterile, palm textured, beaded and ambidextrous
Color	Black
Size range	Medium, Large, X-Large
Finishing	Powder Free



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PALM WIDTH AND LENGTH

Reference Standard	Glove size	Standard Requirements		Inspection Level/AQL
		Palm width (mm)	Length (mm)	
ASTM D6319	M	95 ± 5 mm	Min 240	S2/AQL 4.0
	L	105 ± 5 mm		
	XL	115 ± 5 mm		

THICKNESS

Location of thickness measurements	Single wall (mm)	Single wall (mil)	Inspection Level/AQL
Finger (13 mm from tip)	0.16 ± 0.02 mm	6 mil	S2/AQL 4.0
Palm (center of the palm)	0.14 ± 0.02 mm	6 mil	
Cuff (25 mm from the bead)	0.09 ± 0.01 mm	4 mil	

WEIGHT

Glove size	Weight (g)
M	5.8 ± 0.2
L	6.3 ± 0.2
XL	6.8 ± 0.2

PIN HOLES

Characteristics	Inspection level/AQL
Freedom from holes	GI/AQL 1.5



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MAJOR VISUAL

Characteristics	Inspection level/AQL
Major visual defects	GI/AQL 2.5

NOMINAL VALUES

Characteristics	Reference standard	Standard Requirements		Release criteria	Inspection level/AQL
		Before aging	After aging		
Force at break (N)	EN 455, part 2	Min 6	Min 6	Exceeded	S2/AQL 4.0
Tensile strength (Mpa)	ASTM D 6319	Min 14	Min 14	Exceeded	
Ultimate elongation (%)	ASTM D 6319	Min 500	Min 400	Exceeded	

POWDER CONTENT

Characteristics	Reference standard	Standard Requirements mg/glove	Release criteria
Powder content	ASTM D 6124	Max 2	Passed

PROTEIN CONTENT

Characteristics	Reference standard	ug/dm ²
Protein content	ASTM D 5712	N/A

LIFESPAN

3 years after production



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CERTIFICATIONS

Certified: Personal protective equipment (PPE): Category III according to European Directive 2016/425/EU. Complex PPE protects against risks with irreversible consequences for health.

CE Registration Number: 0598