



TECHNICAL DATA SHEET

DIAMOND NITRIL GLOVES

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

The innovative aspect of the product is a diamond grip pattern that ensures perfect grip and control during your work.

The gloves are designed to fit snugly to the hand for maximum dexterity. Gerko diamond nitrile gloves can be used all day if necessary.

PROPERTIES

- Thickness 6 mil (0.15mm)
- Extremely strong
- Diamond structure for a perfect grip
- Non slip gloves
- Extremely suitable for mechanical and spraying
- 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
NDG10	Diamond nitril gloves M 50 pcs.	10	720
NDG20	Diamond nitril gloves L 50 pcs.	10	720
NDG30	Diamond nitril gloves XL 50 pcs.	10	720



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DESIGN AND FEATURE

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

PALM WIDTH AND LENGTH

Reference Standard	Glove size	Standard Requirements		Inspection Level/AQL
		Palm width (mm)	Length (mm)	
ASTM 6319	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)	Min 0.18	Min 7 mil	S2/AQL 4.0
Palm (center of the palm)	Min 0.14	Min 6 mil	
Cuff (25 mm from the bead)	Min 0.08	Min 3 mil	



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WEIGHT

Glove size	Weight (g)
M	6.5 ± 0.2
L	7.1 ± 0.2
XL	7.7 ± 0.2

PIN HOLES

Characteristics		Inspection level/AQL
Freedom from holes	Examination gloves	GI/AQL 1.5
	Disposable gloves	GI/AQL 4.0

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		
Tensile strength (Mpa)	ASTM D 6319	Min 14	Min 14	Exceeded	S2/AQL 4.0
Ultimate elongation (%)	ASTM D 6319	Min 500	Min 400	Exceeded	
Force at break (N)	EN 455, part 2	Min 6	Min 6	Exceeded	



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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

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