

— TECHNICAL DATA SHEET · STERILE · ETO / GAMMA

Sterile Nitrile Long Cuff Gloves Powder Free

REFERENCE STANDARD ASTM D 6319 · EN 455-1/2/3/4	SURFACE TEXTURE Micro-rough palm & fingers	STERILIZATION ETO · Gamma
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01 Product Dimensions

Length variants 300 – 450 mm

SPEC / SIZE	300 MM	350 MM	400 MM	450 MM
Length	300 ± 10	350 ± 10	400 ± 10	450 ± 10
Thickness — Palm	0.15 min	0.15 min	0.15 min	0.15 min
Thickness — Finger	0.15 min	0.16 min	0.16 min	0.16 min

All length and thickness values in millimetres. ASTM D 6319 minimum thickness is 0.05 mm; PharmShield gloves exceed this with 0.15 mm minimum. Width is determined by hand-size variant (below).

02 Width — by Hand Size

HAND SIZE	WIDTH (MM)
Small	83 ± 5
Medium	95 ± 5
Large	106 ± 5
X-Large	112 ± 5

03 Physical Properties

per ASTM D 6319 · typical values

PROPERTY	BEFORE AGEING	AFTER AGEING
Tensile strength	18 – 20 MPa	15 – 17 MPa
Elongation at break	650 – 750 %	550 – 650 %
ASTM minimum	≥ 14 MPa · ≥ 500 %	≥ 14 MPa · ≥ 400 %

04 Quality Assurance

ISO 2859 · Single Normal

CHARACTERISTIC	INSP. LEVEL	AQL
Dimension	S-2	4.0
Physical	S-2	4.0
Freedom from holes	G-1	0.65
Visual defect — major	G-1	1.5
Visual defect — minor	G-1	2.5

05 Additional Specifications

PINHOLE	Complies with AQL
PROTEIN CONTENT	Protein-free
POWDER CONTENT	< 2 mg / glove
STERILIZATION	ETO / Gamma · SAL 10 ⁻⁶
COLOR	White & Blue
PACKAGING	Sterile pack

COMPLIANCE & CERTIFICATIONS

CE	ISO 13485:2016	ISO 9001:2015	EN 455-1/2/3/4
EN 374	ASTM D 6319	ISO 11193	BIS

PharmShield™

Premium nitrile gloves for pharmaceutical, industrial & laboratory use.

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