



Sterile Nitrile Gloves

NG040-S

White • 400 mm length • Gamma sterilized



Material: Nitrile polymer; Accelerator free, powder-free
Design: Hand-specific, rolled edge, textured palm and fingers
Size: 6.0 – 10.0
Colour: White
Strength: Fingertip 0.18 ± 0.02 mm
Palm 0.15 ± 0.02 mm
Cuff 0.09 ± 0.02 mm
Length: 400 ± 10 mm
Particles: <1200 per $\text{cm}^2 > 0.5 \mu\text{m}$

Item number Size	330811 6.0	330812 6.5	330813 7.0	330814 7.5	330815 8.0	330816 8.5	330817 9.0	330818 10.0
Total length [± 10 mm]	400 mm	400 mm	400 mm	400 mm	400 mm	400 mm	400 mm	400 mm
Width Palm [± 3 mm]	75 mm	82 mm	89 mm	95 mm	102 mm	107 mm	115 mm	121 mm
Weight per piece [± 0.5 g]	7.9 g	8.8 g	9.2 g	10.4 g	10.8 g	11.2 g	11.7 g	12.5 g

Residue								
Non-volatile residue					Silicon oil			
< 10 µg/cm²					no silicon oil according to FTIR			

Chemical properties								
Protein content according to ASTM D 5712					Powder content according to ASTM D 6124			
n.d.					max. 2 mg/Glove			

Physical properties					
	Before Ageing			After Ageing	
	Tensile strength [MPa]	Elongation [%]		Tensile strength [MPa]	Elongation [%]
ASTM D 3577	> 17	> 650		> 12	> 490
EN 455-2	Force at break: min. 9 Newton			Force at break: min. 6 Newton	

Ion content													
Particle count	max. Anions [µg/cm²]							max. Kations [µg/cm²]					
Count/cm²	F ⁻	Cl ⁻	NO ₂ ⁻	Br ⁻	NO ₃ ⁻	PO ₄ ³⁻	SO ₄ ²⁻	Na ⁺	NH ₄ ⁺	K ⁺	Mg ⁺²	Ca ²⁺	Zn ²⁺
< 1200	< 0.01	< 0.20	< 0.10	< 0.05	<0.03	< 0.05	< 0.05	< 0.05	< 0.10	< 0.05	< 0.01	< 0.35	< 0.35

Quality standard						
Random sampling based on ISO 2859	Property	Dimension	Physical Properties	Water tight	Optical defect (major)	Optical defect (minor)
	Inspection Level	S – 2	S – 2	G 1	G 1	G 1
	AQL	4.0	4.0	0.65	1.5	1.5

Packaging: bag with “Easy-Tear-opening”
1 pair per PE bag
20 PE bags per welded (double) polybag
8 polybags per double-walled carton
160 pairs per box