



SHIELDCARE BLACK

Nitrile Industrial Gloves

The ShieldCare Black glove is manufactured in Malaysia and distributed globally for the industrial, automotive, beauty and hospitality markets. This 5.0g black glove meets ISO, EN, and ASTM PPE specifications.



Multi-Purpose



Technical Data Sheet

Type	Powder Free, Industrial Glove
Specification	Non-Sterile/Disposable/Ambidextrous
Cuff	Beaded
Colour	Black
Internal Surface	Clorinated
External Surface	Finger textured
Primary	Acrylonitrile Butadiene
Packaging	100 pcs/box – 10 boxes/carton



Size	Weight Per Size	Width	Length	Finger Thickness	Palm Thickness	Product Code
Small	4.5g ± 0.3g	85±5 mm	≥240mm (9.45")	≥0.13mm (5.12mils)	≥0.08mm (3.15mils)	NG-SCBL-001
Medium	5.0g ± 0.3g	95±5 mm	≥240mm (9.45")	≥0.13mm (5.12mils)	≥0.08mm (3.15mils)	NG-SCBL-002
Large	5.5g ± 0.3g	105±5 mm	≥240mm (9.45")	≥0.13mm (5.12mils)	≥0.08mm (3.15mils)	NG-SCBL-003
Extra-Large	6.0g ± 0.3g	115±5 mm	≥240mm (9.45")	≥0.13mm (5.12mils)	≥0.08mm (3.15mils)	NG-SCBL-004

Product Properties (Size Medium)

Test Method	Characteristics	Requirements	Median
EN 455-2 (ASTM D6319)	Width (mm)	95±10	96.2 (3.79")
	Length (mm)	≥ 240 (230)	242.9 (9.56")
	Thickness (mm) - Finger	≥ 0.08 (0.05)	0.134 (5.3mils)
EN 455-1 (ASTM D515)	Thickness (mm) - Palm	≥ 0.06 (0.05)	0.087 (3.4mils)
	Freedom from holes	AQL 4.0 (4.0)	PASS (AQL 4.0)
	EN 455-2 (ASTM D412)	(Before accelerated ageing)	
Tensile Strength - N (MPa)		≥ 6.0 (14)	x (34.9)
Ultimate elongation (%)		≥ 500	520
EN 455-2 (ASTM D573)	(After accelerated ageing at (70±2°C 166±2 hr)).		
	Tensile Strength - N (MPa)	≥ 6.0 (14)	x (37.9)
	Ultimate elongation (%)	≥ 400	481
EN 455-3 (ASTM D6124)	Powder Control (mg/glove)	≤2.0	0.12

Product Standards

US Regulatory Standards

ASTM D6319	Physical Properties & Dimensions
ASTM F1671	Viral Penetration
ASTM D6978	Tested for use with Chemotherapy Drugs

EU Regulatory Standards

EN 455-1,2,3	Physical Properties & Dimensions
EN 374-1,2,4,5	Chemical & Micro-organism Permeation
EN 21420:2020	EU PPE Glove Standards
EN 16523-1:2015+A1:2018	Chemical & Micro-organism Permeation
ISO 10993	Skin Sensitization Study
89/686/EEC	EU PPE Directive

Quality Standards

ISO 13485	Quality Management Systems
ISO 9001:2015	Quality Management Systems
ISO 10993	Skin Sensitization Study
Sedex Approved	Social Compliance

Certifications

