

Vital process protection and comfort.

KIMTECH PURE* G3 STERLING* Nitrile Gloves

KIMTECH PURE* G3 STERLING* Nitrile Gloves offer Improved Performance, Added Value and are Better for the Environment.

- Recommended for ISO Class 3 or higher cleanroom environments
- Contain no natural rubber latex reducing the potential for TYPE I glove-associated reactions
- Static dissipative in use
- Safe handling of objects due to improved and consistent grip
- Double-bagged with case liner
- Certificate of Analysis (by Lot) available online
- Trend Data available online to demonstrate product quality over time

Improved Performance

Our STERLING* Nitrile manufacturing process boosts the glove's tensile strength (the force required to break through the glove) to increase its barrier protection. The process also allows a reduction in glove thickness, so less force is required to stretch the material. The result is a latex-free glove with the dexterity and sensitivity of latex.

Added Value

The STERLING* Nitrile gloves can reduce the waste without sacrificing strength, comfort or protection. The thinner material of the glove and its improved tensile strength enhance the wearer's comfort. Improved performance means a better value for you and your business.

Better For The Environment

Reduced glove thickness requires less raw materials in production which can significantly reduce your waste. There are more gloves per pack and so less storage space is required.

TYPICAL INDUSTRIES

- Semiconductor
- Medical Device
- Flat Panel Display
- Pharmaceutical
- Disk Drive Manufacturing
- Electronics

EN374-2:2003



LEVEL 2

EN374-1:2003



CE 0123



DATASHEET

KIMTECH PURE* G3 STERLING* Nitrile Gloves

Product Specifications

- Synthetic nitrile¹ polymer (Acrylonitrile Butadiene)
- Contains no natural rubber latex. Silicone-free

Quality Standards



- This is a PPE Category III product classified by EC Council Directive 89/686/EEC. It is tested in accordance with the EN Norms EN420:2003
- Cleanroom packaged to meet the standard of ISO Class 3 Cleanroom
- Meets or exceeds AQL level of 1.5 for pinholes
- Manufactured in accordance with Quality System ISO 9001
- Dexterity Classification (EN 420:2003) = 5

PHYSICAL PROPERTIES (Target values)

Characteristics	Value		Test Method				
Freedom from holes	1.5AQL		EN374-1				
<small>¹ AQL as defined per ISO 2859-1 for sampling by attributes</small>							
Tensile Properties	Tensile Strength	Ultimate Elongation					
- Before Aging	42 MPa, nominal	650% nominal					
- After Accelerated Aging	38 MPa, nominal	550% nominal					
Dimensional	Measured Point	mm					
- Nominal Thickness	Middle Finger	0.10	ASTM D 3767 and D 6319				
	Palm	0.08					
	Cuff	0.07					
Palm Widths							
- Nominal Width (mm)	X-Small	Small	Medium	Large	Large plus	X-Large	ASTM D 3767 and D 6319
	74	84	96	111	116	123	



KIMTECH PURE* G3 STERLING* Nitrile Gloves

Size and Code	30cm
	6x 
	250x 
	= 1500
XS	99234
S	99235
M	99236
L	99237
L+	99238
XL	99239

CLEANLINESS CHARACTERISTICS

Parameter	Limit		Test Method
Particles			
Per cm ² ≥ 0.5 micron	1200		IEST-RP-CC005
Extractables	µg/g	µg/cm ²	IEST-RP-CC005
Sodium (Na+)	10	0.07	
Ammonium (NH ₄ ⁺)	5	0.03	
Potassium (K+)	5	0.03	
Magnesium (Mg ²⁺)	5	0.03	
Calcium (Ca ²⁺)	45	0.30	
Chloride (Cl ⁻)	35	0.23	
Nitrate (NO ₃ ⁻)	20	0.14	
Sulfate (SO ₄ ²⁻)	10	0.07	
Zinc (Zn ²⁺)	25	0.17	