

JACKSON SAFETY*/KLEENGUARD* Gloves

G80 - G10 Gloves



JACKSON SAFETY*/KLEENGUARD* Gloves

The legal responsibilities

When a glove is examined against a typical test standard, a performance level is normally assigned (between 0 and 5). Level 0 specifies that the glove is either untested or falls below the minimum performance level. A performance level 'X' means that the test method is not suitable for the glove sample. Higher numbers indicate higher levels of performance.

EN 420: 2003 (General Requirements for Protective Gloves)

Glove Design and Construction

- Gloves should offer the greatest possible degree of protection in the foreseeable conditions of end use
- If seams are included, the strength of these seams should not reduce the overall performance of the glove.

Innocuousness

- Gloves should not cause any adverse harm to the end user
- Glove pH must be between 3.5 and 9.5
- Chromium (VI) content should be below detection (for gloves containing leather)
- Gloves made from natural rubber latex will be tested for extractable proteins according to EN 455-3

Cleaning Instructions

- If care instructions are provided, glove performance shall not be diminished when the maximum number of recommended cleaning cycle is used.

Sizing

- Gloves shorter in length than the required minimum will be marked 'Fit for Special Purpose'.

Dexterity

- If required, performance to be graded (Level 0 - 5)

EN 388: 2003 (Protective Gloves Against Mechanical Risks)

The 'Mechanical Risks' pictogram is accompanied by a 4-digit code:

- (a) Abrasion resistance (0 to 4)
- (b) Blade cut resistance (0 to 5)
- (c) Tear resistance (0 to 4)
- (d) Puncture resistance (0 to 4)



The relevant performance levels below should be clearly identifiable on the product and primary packaging

Test	Level 1	Level 2	Level 3	Level 4	Level 5
6.1 Abrasion resistance (number of cycles)	100	500	2000	8000	–
6.2 Blade cut resistance (index)	1,2	2,5	5,0	10,0	20,0
6.3 Tear resistance (N)	10	25	50	75	–
6.4 Puncture resistance (N)	20	60	100	150	–

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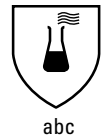
EN374:2003

(Protective Gloves Against Chemicals and Micro-organisms)

When tested according to a water tightness and/or air tightness test, a glove shall not leak when an Acceptable Quality Level (AQL) is applied

Performance level	Acceptable quality level unit	Inspection levels
Level 3	< 0.65	G1
Level 2	< 1.5	G1
Level 1	< 4.0	S4

The Chemical pictogram (shown right) must be accompanied by three digits, referring to a permeation performance level 2 (or higher) achieved against three chemicals from a standard list, represented in Annex A of EN374-1:2003



Code Letter	Chemical	CAS Number	Class
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloromethane	75-09-2	Chlorinated paraffin
E	Carbon disulphide	75-15-0	Sulphur containing organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Amine
H	Tetrahydrofurane	109-99-9	Heterocyclic and ether compound
I	Ethyl acetate	141-78-6	Ester
J	n-Heptane	142-85-5	Saturated hydrocarbon
K	Sodium hydroxide 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid

The 'Low Chemical Resistant' pictogram is used for gloves that do not achieve level 2 against at least three chemicals from the defined list, yet still comply with the Penetration test.



The 'Micro-organism' pictogram is used when a glove meets at least a performance level 2 for the Penetration test.



Gloves in Contact with Foodstuffs

We offer you the guarantee of compatibility between foodstuffs and glove components and full compliance with the toughest European and national standards in terms of food contact and food hygiene.



JACKSON SAFETY*/KLEENGUARD* Gloves

Product selector

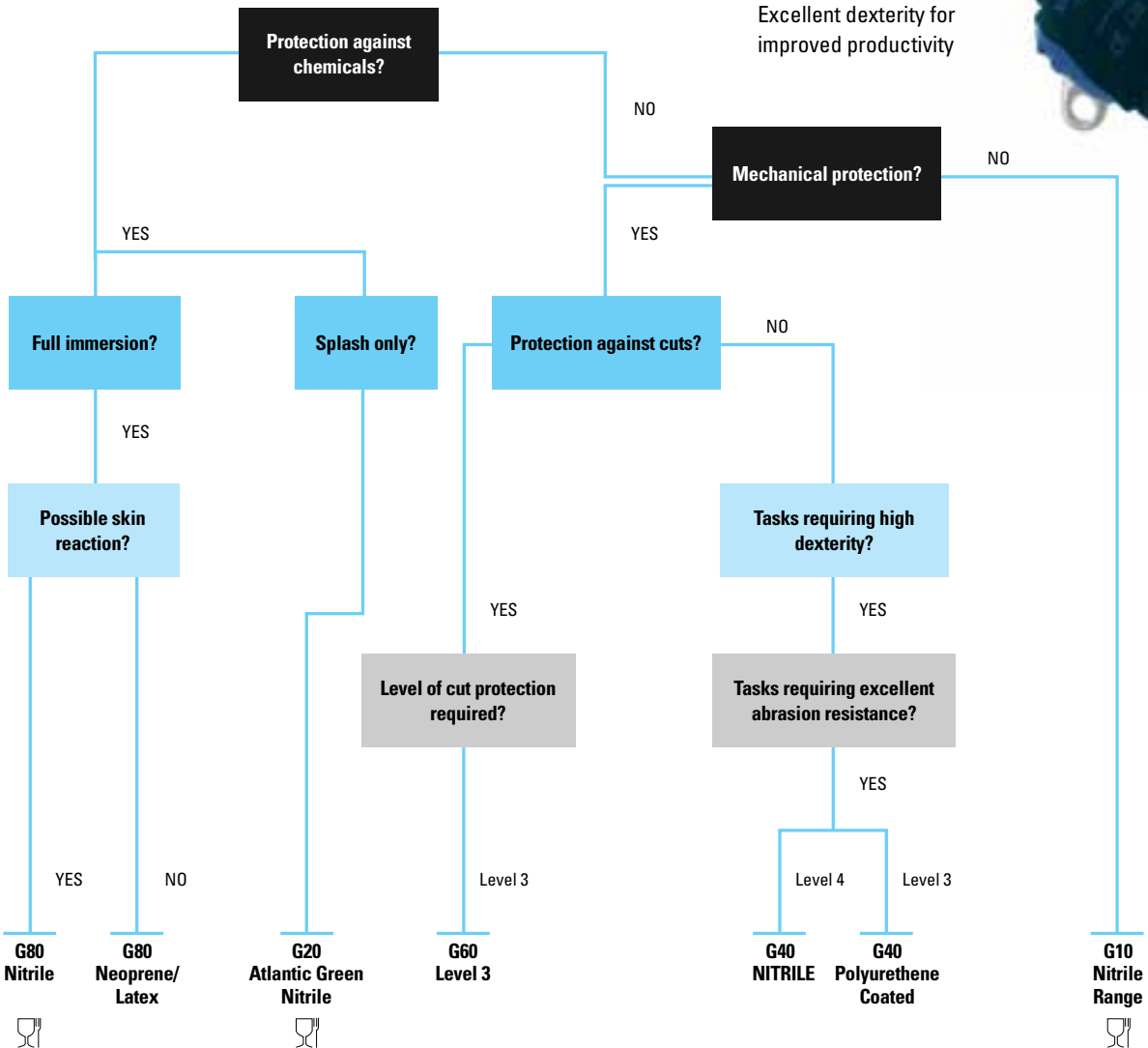
A comprehensive range of gloves providing the most appropriate hand protection to meet your needs.

Selecting the right glove

To increase productivity and cost-effectiveness, workers must be able to work efficiently, comfortably and safely, protecting their hands against a broad spectrum of possible hazards. Use the glove selector in order to determine the right glove for the right task.



Excellent dexterity for improved productivity



= Food Contact Approved

The selector is a guide only. It is the responsibility of the employer to make sure the glove is suitable for its intended use. We suggest that you always check the latest version of KIMBERLY-CLARK PROFESSIONAL* product literature to get more information about the products or visit www.kcprofessional.com

JACKSON SAFETY*/KLEENGUARD* Gloves

G80 and G20 Chemical Protection Gloves

Chemical	CAS Number	G80 Nitrile Chemical Resistant Gloves	G80 Neoprene/Latex Chemical Resistant Gloves	G20 Atlantic Green Nitrile Gloves
Acetic Acid, Glacial		3		
Acetone	67-64-10		00	
Acetonitrile, 100%	75-05-81		1	
Acrylamide, 37%	79-06-16			
Ammonium hydroxide, 20%	1336-21-65			
Ammonium nitrate (saturated), 100%	6484-52-2			
Butanol	71-36-36			0
Butyl acetate	123-86-42			
Butyl cellosolve	111-76-26			
Carbon disulphide, 100%	75-15-01		0	
Chlorine (gas), 100%	7782-50-56		6	
Cutting oil				
Cyclohexane, 99.90%	110-82-76		0	
Cyclohexanol		6		
Dichloromethane, 100%	75-09-20		0	
Diethylene glycol	111-46-66			
Di-isobutyl ketone		5		
Dimethyl acetamide	127-19-51			
Dimethyl sulphoxide		2		
Diesel fuel, 100%				
Diethylamine, 100%	109-89-70			
Dimethyl Formamide, 100%	68-12-23			
Ethanol, 95%		5		
Ethyl acetate, 100%	141-78-61		0	
Ethyl ether		2		
Ethylene glycol, 100%	107-21-16			
Formaldehyde, 10%	50-00-06			
Formaldehyde, 37%	50-00-06			4
Gasoline, 100%				
Heptane, 99%	142-82-56		2	
Hexane, 100%	110-54-36		10	
Hydraulic fluid, 100%				
Hydrazene monohydrate	7803-57-86			
Hydrochloric acid, 37%	7647-01-06			
Hydrofluoric acid, 40%	7664-39-34			
Hydrogen peroxide, 30%	7722-84-16			0
Isobutyl alcohol, 99%	78-83-12			
Isopropanol, 99.5%	67-63-06		21	
Kerosene, 100%	8008-20-66			
Lactic acid, 85%		6		
Methyl tert-butyl ether 99%	1634-04-45			
Methyl ethyl ketone, 99.90%	78-93-30		0	
Methanol, 99.90%	67-56-13		10	
Methyl methacrylate, 99%	80-62-61		0	
Methyl propyl ketone	107-87-91			
Naptha solvent		5		
Mineral spirit, 100%	8012-95-13			
Nitric acid, 40%		6		
Nitrobenzene, 99%	98-95-34			
N-propyl bromide	106-94-50			

JACKSON SAFETY*/KLEENGUARD* Gloves

G80 and G20 Chemical Protection Gloves

Chemical	CAS Number	G80 Nitrile Chemical Resistant Gloves	G80 Neoprene/Latex Chemical Resistant Gloves	G20 Atlantic Green Nitrile Gloves
Octyl alcohol		6		
Peracetic acid, 0.50%	79-21-06			
Perchloric acid		6		
Petroleum ether	8032-32-4	6		
Petrol unleaded		6		
Phenol, 80%	108-95-2			
Potassium hydroxide, 50%	131058-36			
Propyl acetate		1		
Propyl bromide, 99%	106-94-50			
Sodium hydroxide, 40%	1310-73-2	66		6
Sodium hypochlorite, 13%	7681-52-9	6		
Sulphuric acid, 50%	7664-93-9			
Sulphuric acid, 96%	7664-93-94		50	
Tetrachloroethylene, 100%	127-18-45			
Tetrahydrofuran, 100%	109-99-90		0	
Titanium tetrachloride, 100%	7550-45-0		6	
Toluene, 100%	108-88-31		0	
Turpentine, 100%	8006-64-2	6		
Vinyl acetate, 99%	108-05-4			
White spirit	8052-40136			
Xylene	1330-20-72			

When tested for chemical permeation, product performance is classified in terms of breakthrough time

Measured breakthrough time (min)	Permeation performance level
> 10	1
> 30	2
> 60	3
> 120	4
> 240	5
> 480	6

Analysis has been carried out under laboratory conditions and should only be considered as a guide for use. Chemical performance quoted may not be representative of workplace duration of protection due to the other factors that may affect performance (abrasion, temperature, degradation etc.).

This information is not intended to replace a hazard analysis and risk assessment by a safety professional or professional judgment in the selection of Personal Protective Equipment (PPE). It is the responsibility of the user to assess the type of hazards and risks associated with exposure and then decide on the appropriate PPE for each circumstance.

The data in this guide is correct as at the date of print. The data is subject to change as additional knowledge and experience is gained. To view any supplements or updates please visit

www.kcprofessional.com

JACKSON SAFETY*/KLEENGUARD* Gloves

G80 Chemical Protection Gloves

All products on this page are suitable for:

- Chemical handling
- Manufacturing
- Transport
- Construction
- Agriculture
- Contract cleaning
- Janitorial and public service

All gloves on this page:

- Are available in various sizes
- Offer ergonomic design to provide maximum comfort and minimise hand fatigue
- Offer protection against a broad range of chemicals
- PPE Category III (CE Complex) product classified by EC Council Directive 89/686/EEC



CE
0120

EN 374-3:2003



AKL

EN 388:2003



4101

EN 374-2:2003



Level 3

G80 Chemical Resistant Gloves

Nitrile

Chemical protection against:

- ✓ Oils
- ✓ Greases
- ✓ Acids
- ✓ Caustics
- ✓ Solvents



- Nitrile formulation offering excellent chemical resistance and durability
- Contains no natural rubber latex, reducing the potential for Type 1 glove associated reactions
- Flock lined for extra comfort and easy donning
- Resistant to many common chemicals, including oils and solvents
- AQL 0.65 for pinholes
- High abrasion resistance



CE
0312

EN 374-3:2003



AKL

EN 388:2003



1010

EN 374-2:2003



Level 2

Neoprene/Latex

Chemical protection against:

- ✓ Oxidising acids
- ✓ Bases
- ✓ Alcohols
- ✓ Oils
- ✓ Fats
- ✓ Solvents

- Neoprene over natural rubber construction
- Suitable for use with many common hydrocarbons making it ideal for use in the petrochemical industry
- Flock lined for extra comfort and easy donning
- AQL 1.5 for pinholes

Description	Size/Code	7	8	9	Case Contents	PPE Classification	EN 388	EN374-3
G80 Nitrile		94445	94446	94447	5 × × 12 = 60 pairs	CAT III	4101	AKL
G80 Neoprene/Latex		97285	97286	97287	5 × × 12 = 60 pairs	CAT III	1010	AKL
G80 Nitrile 18"		25622	25623	25624	5 × × 12 = 60 pairs	CAT III	4101	AKL

JACKSON SAFETY*/KLEENGUARD* Gloves

G60 Cut Resistant Gloves

All gloves on this page are suitable for:

- Metal fabrication
- Glass handling
- Handling sharp objects
- Automotive assembly

All gloves on this page are:

- Breathable and comfortable
- Available in five sizes with colour coded cuffs
- Washable for cost effective usage

All gloves in this range have:

- An ambidextrous design which helps reduce waste and control cost
- PPE Category II (CE Intermediate) product classified by EC Council Directive 89/686/EEC



EN 388:2003



4340



G60 Cut Resistant Gloves

Level 3 PURPLE NITRILE*

Protection against:

- ✓ **Processes where there is a cutting or laceration risk to workers' hands**

- Nitrile dots on palm offer superior grip
- Knitted Yarn constructed with Dyneema® provides superior protection against cuts and gashes
- Unique Nitrile coated fingertips – grip with maximum breathability
- High abrasion resistance (Level 4)
- Long lasting – cost effective
- Textured palm and fingertips to provide excellent grip in wet and dry situations
- Suitable for washing

Look for the "with Dyneema" diamond on cut-resistant gloves. Behind this small detail are many promises.

- **Made with genuine Dyneema®.** You'll know that the gloves are made with real Dyneema®, the world's strongest fiber™, for maximum protection.
- **Cool and lightweight.** Because they don't retain heat, these lightweight gloves keep hands cool and dry. It's like wearing no gloves at all. You will wear them for longer periods, reducing the chance of injuries.
- **Protects your bottom line.** These gloves are durable, resist abrasion and can be washed over and over. This increases their lifetime and reduces replacement costs.
- **A reliable partner.** You can be assured that DSM not only supplies the Dyneema® fiber, but also has provided technical expertise.
- **Quality you can trust.** Before a glove can display the "with Dyneema" diamond, a prototype must pass the strictest testing criteria.
- **Accept no substitutes.** Specify gloves that have the "with Dyneema" diamond to protect your employees...and your business.
- For more information, visit www.gloves.dyneema.com



Description	Size/Code	7	8	9	Case Contents	PPE Classification	EN 388
	Colour Coding	●	●	●			
G60 Level 3 Purple Nitrile*	97430	97431	97432		1 x x 12 = 12 pairs	CAT III	4340

Dyneema® is a registered trademark of Royal DSM N.V

JACKSON SAFETY*/KLEENGUARD* Gloves

G40 Mechanical Protection Gloves

All gloves on this page are suitable for:

- Manufacturing
- Transport construction
- Public sector service

All gloves on this page are:

- Hand specific for better ergonomics
- Available in five sizes with colour coded cuffs
- PPE Category II (CE Intermediate) product classified by EC Council Directive 89/686/EEC



G40 Mechanical Protection Gloves

PURPLE NITRILE* Foam Coated Gloves

Premium, general purpose hand protection providing:

- The highest levels of abrasion resistance
- Outstanding dexterity and grip

- PURPLE NITRILE* Foam Coated palm for excellent grip and palm protection⁽¹⁾
- Seamless nylon knitted backing for breathability and comfort
- Better durability with high abrasion resistance
- Silicone free
- Static dissipative in use



Polyurethane Coated

Versatile, general purpose hand protection

- Excellent grip due to roughened polyurethane coating
- Seamless nylon knitted backing for breathability and comfort
- Good tear and abrasion resistance for durability and reduced cost in use
- Excellent dexterity, ideal for handling small components

Description	Size/Code	7	8	9	10	Case Contents	PPE Classification	EN 388
	Colour Coding	●	●	●	●			
G40 BLUE NITRILE* Foam Coated		40225	40226	40227		1 x x 12 = 12 pairs	CAT II	4131
G40 Polyurethane Coated			97370	97380	97390	1 x x 12 = 12 pairs	CAT II	3131

KLEENGUARD* Gloves

G20 Atlantic Green Chemical Resistant Gloves

These gloves are suitable for:

- Chemical handling⁽¹⁾
- Painting
- Printing
- Agriculture
- Automotive assembly
- Emergency services
- Local Authorities

These gloves are:

- Food contact certified
- Powder free
- Latex free
- Ambidextrous
- Compliant with AQL 1.5 for pinholes



CE
0120

EN 374-2:2003



4121

EN 374-2:2003



Level 2





G20 Atlantic Green Nitrile Gloves

Protection against:

- ✓ **Chemical splash**

These gloves have:

- Textured finger tips providing excellent grip
- Excellent tactile sensitivity
- Beaded cuff
- 0.06mm thickness (minimum)
- PPE Category III (CE Complex) product classified by EC Council Directive 89/686/EEC
- Maximum touch sensitivity
- Comfort and flexibility

Description	Size/Code	S	M	L	XL	Case Contents	PPE Classification
G20 Atlantic Green		90091	90092	90093	90094	10 ×  × 250 × 225  = 2500 gloves = 2250 gloves	CAT III

KLEENGUARD* Gloves

G10 Nitrile General Purpose Gloves

These gloves are suitable for:

- Automotive
- Warehousing
- Transport
- Cleaning and engineering industries
- Food processing and catering

These gloves are:

- Latex and Powder free
- Ambidextrous

These gloves have:

- Textured fingertips for better grip
- Beaded cuffs for added strength in donning



G10 Blue Nitrile Gloves

Premium gloves offering:

- High level of comfort
- Protection and performance

- 0.16mm thickness

- PPE Category I (CE Simple) product classified by EC Council Directive 89/686/EEC



G10 Arctic Blue Nitrile Gloves

All the benefits of natural rubber latex without the risk of reaction. Premium gloves offering:

- Maximum touch sensitivity
- Comfort and flexibility

- Exceptional tactile sensitivity making them ideal for intricate assembly work

- 0.06 mm thickness

- PPE Category I (CE Simple) product classified by EC Council Directive 89/686/EEC



G10 Grey Nitrile Gloves








Premium gloves offering:

- Tactile sensitivity and a comfortable, latex-like feel without natural rubber latex

- Designed for tasks requiring maximum dexterity.

- Comfortable strong and in environmental friendly packaging

- 0.08 mm thickness

Description	Size/Code	XS	S	M	L	XL	Case Contents	PPE Classification
G10 Blue Nitrile			57371	57372	57373	57374	10 ×  × 100  = 1000 gloves × 90  = 900 gloves	CAT I
G10 Arctic Blue Nitrile		90095	90096	90097	90098		10 ×  × 200  = 2000 gloves	CAT I
G10 Grey Nitrile			97821	97822	97823		10 ×  × 150  = 1500 gloves	CAT I