Kimberly-Clark PROFESSIONAL | Exceptional Workplaces*

JACKSON SAFETY* G80 Nitrile Chemical Resistant Gloves - Product Technical Bulletin

A range of gloves to protect hands against chemical or mechanical hazards and get the job done safely.

About these gloves

- **PPE Category 3 Protection with Level 4 Abrasive resistance -** providing chemical resistance and durability
- **Hand Specific** - reducing hand fatigue
- **4 sizes (8 – 11)** - ensures good fit for secure handling
- **21 mil thickness at fingertips** - for high strength and excellent protection
- **Flock liner -** wicks sweat away from the hand for improved comfort and easier donning/doffing
- **Textured palm and fingertips -** enhances wet/dry grip
- **AQL 0.65 -** provides better protection, more productivity & efficiency

Ideal for:

Chemical processing, oil refining, petrochemicals, food processing, aerospace & automotive degreasing, automotive assembly & painting, machining operations using cutting oil and coolants, metal fabrication, graphic arts, printing cleanup, furniture manufacturing, electronics. Provides protection against oils, greases, acids, caustics, and solvents.

Physical Properties

Mechanical Properties	Test Results	Test Method
Abrasion Resistance (palm)	Level 4 - 8000 cycles	EN388:2003 (Levels 1-4)
Cut Resistance (index)	Level 1 - 1.2 (index)	EN388:2003 (Levels 1-5)
Tear Resistance	Level 0	EN388:2003 (Levels 1-4)
Puncture Resistance	Level 1 - 20N	EN388:2003 (Levels 1-4)

Size	Length	Palm Width
8	330 mm	110 mm
9	330 mm	122 mm
10	330 mm	134 mm
11	330 mm	139 mm

Chemical Permeation	Test Results	Test Method
A – Methanol (CAS 67-56-1)	Level 3	EN374-3:2003 (Levels 0-6)
J – n-Heptane (CAS 142-85-5)	Level 6	EN374-3:2003 (Levels 0-6)
K – Sodium Hydroxide (CAS 1310-73-2)	Level 6	EN374-3:2003 (Levels 0-6)

Product Details

Code	Description	Size	Qty	Case Contents
94446	G80 Nitrile Chemical Resistant Gloves	8	12 pairs/bag	5 bags, 60 pairs, 120 gloves/case
94447	G80 Nitrile Chemical Resistant Gloves	9	12 pairs/bag	5 bags, 60 pairs, 120 gloves/case
94448	G80 Nitrile Chemical Resistant Gloves	10	12 pairs/bag	5 bags, 60 pairs, 120 gloves/case
94449	G80 Nitrile Chemical Resistant Gloves	11	12 pairs/bag	5 bags, 60 pairs, 120 gloves/case

Workmanship Requirement

Gloves shall be made in accordance with reasonable industry practice with respect to defects, dirt and contamination. Gloves should be packaged as specified having described size and color in the appropriate quantity as listed. For additional information please contact your local Kimberly-Clark representative.

Company Details

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KLEENGUARD* & JACKSON SAFETY*
Chemical Permeation Guide

Test Chemical	CAS number	JACKSON SAFETY* G80 Gauntlet		JACKSON SAFETY* G80 Gloves		KLEENGUARD* G20 Gloves	
		Permeation break through time (min)	CE Rating (EN374-3:2003)	Permeation break through time (min)	CE Rating (EN374-3:2003)	Permeation break through time (min)	CE Rating (EN374-3:2003)
1,1,1-trichloroethane	71-56-6	>30	2				
1,1,2,2, tetrachloroethane	79-34-5	>30	2				
Acetic acid, glacial	64-19-7	>120	4	>60	3		0
Acetic acid, 10%	64-19-7					>480	6
Acetic acid, 25%	64-19-7	>480	6				0
Acetone	67-64-1		0		0		0
Acetonitrile, 5%	75-05-8					>60	3
Acetonitrile	75-05-8		0	>10	1		
Ammonium hydroxide, 20%	1336-21-6			>240	5		0
Butanol	71-36-3	> 480	6	> 480	6		0
Butyl acetate	123-86-4	>30	2	>30	2		
Butyl cellosolve	111-76-2	>480	6	> 480	6		
Carbon disulphide	75-15-0	>10	1	>10	1		
Chlorine (gas), 100%	7782-50-5			> 480	6		
Citric Acid Monohydrate, 30%	5949-29-1					>120	4
Cyclohexane, 99.9%	110-82-7	>480	6	> 480	6	>10	1
Cyclohexanol	108-93-0	>480	6	> 480	6		
Cyclohexanone	108-94-1	>60	3				
Diacetone alcohol	123-42-2	>120	4				
Dibutyl phthalate	83-74-2	>480	6				
Dichloromethane	75-09-2		0		0		
Diethyleamine	109-89-7	>10	1				
Diethylene glycol	111-46-6			> 480	6		
Di-isobutyl ketone				>240	5		
Dimethyl acetamide	127-19-5	>30	2	>10	1		
Dimethyl formamide	68-12-2						0
Dimethyl sulphoxide				>30	2	>10	1
Ethanol, absolute	64-17-5	>480	6				0
Ethanol, 95%	64-17-5			>240	5		0
Ethanol, 70%	64-17-5					>10	1
Ethidium Bromide, 1%	1239-45-8					>480	6
Ethyl acetate	141-78-6	>10	1	>10	1		
Ethyl ether	60-29-7	>10	1	>30	2		
Ethyl glycol,100%	107-21-1			> 480	6		
Ethyl glycol Ether	110-80-5	>240	5				
Ethyl lactate	687-48-8	>480	6				
Ethylene glycol	107-21-1	>480	6				
Formaldehyde, 37%	50-00-0			> 480	6	>480	6
Gasoline, white		>480	6				
Glutaraldehyde, 50%	111-30-8					>480	6
Heptane, 99%	142-82-5	>480	6	> 480	6		
Hexane	110-54-3	>480	6	> 480	6		0
Hydrazene monohydrate	7803-57-8			> 480	6		
Hydrazene monohydrate, 55%	7803-57-8					>480	6
Hydrazine 60%	302-01-2	>480	6				
Hydrochloric acid, 5%	7647-01-0					>480	6
Hydrochloric acid, 32%	7647-01-0					>120	4
Hydrochloric acid, 37%	7647-01-0			> 480	6	>30	2
Hydrochloric acid	7647-01-0	>480	6				
Hydrofluoric acid, 40%	7664-39-3			>120	4		
Hydrogen peroxide, 30%	7722-84-1			> 480	6	>10	1
Iron (III) Chloride, 40%	7705-08-0					>480	6
Isopropanol, 99.5%	67-63-0	>480	6	> 480	6	>10	1
Kerosene	8008-20-6			> 480	6	>10	1
Lactic acid 85%	598-82-3	>480	6	> 480	6		
Lauric acid 36% in ethanol	143-07-7	>120	4				
Maleic acid, saturated	110-16-7	>480	6				
Methanol	67-56-1	>30	2	>60	3		0
1 - methoxy - 2 - propanol, 55%	107-98-2					>60	3
Methyl ethyl ketone	78-93-3	>10	1		0		
Methyl methacrylate, 99%	80-62-6			>10	1		
Methyl propyl ketone	107-87-9	>10	1	>10	1		
Methyl tert-butyl ether, 99%	1634-04-4			>240	5		
Mineral Oil	8012-95-1					>60	3
Mineral Spirits	64475-85-0						0
Monoethanolamine	141-43-5	>480	6				
Muriatic acid	7647-01-0	>480	6				
Naptha solvent				>240	5		
Nitric acid, 40%	7697-37-2	>480	6	> 480	6		
Nitric acid, 50%	7697-37-2					>10	1
Octyl alcohol	111-87-5	>480	6	> 480	6		
ortho-Phosphoric acid	7664-38-2	>480	6				
Perchloric acid	7601-90-3	>480	6	> 480	6		
Petroleum ether	8032-32-4			> 480	6		
Petrol unleaded				> 480	6		
Potassium hydroxide, 50%	1310-58-3	>480	6	> 480	6		
Propanol	67-63-0	>480	6				
Propyl acetate	109-60-4	>60	3	>10	1		
Pyridine	110-86-1	>10	1				
Sodium hydroxide, 40%	1310-73-2			> 480	6	>480	6
Sodium hydroxide, 50%	1310-73-2	>480	6			>480	6
Sodium hypochlorite, 13%	7681-52-9	>480	6	> 480	6	>480	6
Sodium silicate	6834-92-0	>480	6				
Sulphuric acid, 50%	7664-93-9	>480	6			>480	6
Sulphuric acid, 96%	7664-93-9	>120	4	>120	4		0
Tetrachloroethylene, 100%	127-18-4			>240	5		
Tetrahydrofuran, 100%	109-99-9				0		
Thinner		>10	1				
Tributyl - phosphate	126-73-8					>10	1
Toluene	108-88-3	>30	2	>10	1		
Triethanolamine	102-71-6	>480	6				
Turpentine	8006-64-2	>480	6	> 480	6		0
White spirit	64742-48-9	>480	6				
White spirit	68551-17-7	>480	6				
White spirit	8052-40-13	>480	6	> 480	6		
Xylene (mixture of isomers)	1330-20-7	>60	3	>30	2		

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**