

KIMTECH™

Be Your Best with Kimtech™ Cleanroom Gloves

Working hand in hand to protect
your processes and people.



 **Kimberly-Clark**
PROFESSIONAL™

Why KIMTECH™?

Kimberly-Clark Professional™ partners with you to create exceptional cleanrooms, reducing contamination risk and improving worker safety. When you work in challenging environments with no margin for error, count on Kimtech™ products to **protect** your critical processes and the people who perform them. Kimtech™ products are designed for **precision** tasks and exacting performance as we understand the risks and costs associated with contamination. We partner with you to deliver **seamless, worry-free** performance that minimise risk and maximise performance.



Protect the Process

Kimtech™ Cleanroom gloves can drive cGMP compliance by reducing contamination risk.

- › Manufactured in state-of-the-art ISO 5 Cleanrooms
- › Low Particle & Endotoxin⁽¹⁾ levels
- › Validated Sterility Assurance Level of 10⁻⁶
- › Non detectable levels of Silicone, Phthalates and DOP



Protect the Operator

Kimtech™ Cleanroom gloves are specifically designed to protect operators from Chemical Splash and Micro-Organism Hazards.

- › EN ISO 374-1 Chemical splash protection certification
- › EN 374-4 Resistance to degradation by chemicals certification
- › EN ISO 374-5 Micro-Organism and virus protection certification
- › ASTM D6978-05 Cytotoxic drug protection tested⁽²⁾
- › Non detectable level of chemical accelerators to minimise risk of skin irritation



Assured Compliance

Kimberly-Clark Professional™ makes it easy to demonstrate compliance with cleanroom gloves.

- › PPE Category III certified 2016/425 (EU) Regulation
- › Manufacturing site ISO 9001 and/or ISO 13485 certified
- › Certificates of Analysis (CoA) and Certificates of Irradiation (CoI)⁽³⁾ available for every production lot
- › Our website www.kimtech.eu is a rich source of online documents, including Technical Data Sheets, Declaration of Conformity, Certificates of Analysis and Certificates of Irradiation

⁽¹⁾Endotoxin level available for cleanroom sterile gloves only

⁽²⁾For detailed information contact us at kimtech.support@kcc.com

⁽³⁾Certificate of Irradiation available for cleanroom sterile gloves only

Assured Compliance

European Personal Protective Equipment Regulation (EU) 2016/425 – PPE Cat III Complex Design:
For use in applications where effects are irreversible or mortal risk is present.

Hand Protection – Chemical Splash Protection

Old:



EN374-1:2003 Low Chemical Protection.
Protection against Chemical Splash. Ask Manufacturer for breakthrough times against of chemicals being used.
Test: Permeation EN374- 3:2003

EN 374-3 :2003



XYZ

EN374-3:2003 Chemical Protection.
Protection against Chemical Permeation. List of 12 chemicals, each assigned a letter a to l, breakthrough time of >30 minutes on at least 3 chemicals. Test: Permeation EN374-3:2003

New:

EN ISO 374-1:2016 / Type C



Type C: At least Level 1 performance (more than 10 minutes) against at least 1 chemical on the list.
Test: Permeation EN 16523-1:2015

EN ISO 374-1:2016 / Type B



XYZ

Type B: At least Level 2 performance (more than 30 minutes) against at least 3 chemicals on the list.
Test: Permeation EN 16523-1:2015

EN ISO 374-1:2016 / Type A



UUVXYZ

Type A: At least Level 2 performance (more than 30 minutes) against at least 6 chemicals on the list.
Test: Permeation EN 16523-1:2015

Existing List of 12 Chemicals

A Methanol
B Acetone
C Acetonitrile
D Dichloromethane
E Carbon disulphide
F Toluene

G Diethylamine
H Tetrahydrofuran
I Ethyl acetate
J n-heptane
K Sodium hydroxide 40%
L Sulphuric acid 96%

Additional 6 Chemicals

M Nitric acid 65%
N Acetic acid 99%
O Ammonium hydroxide 25%
P Hydrogen peroxide 40%
S Hydrofluoric acid 40%
T Formaldehyde 37%

Hand Protection – Micro-organisms hazard protection

Old:

EN 374-2 :2003



> Level 2

EN374-2:2003 Micro-organism hazard protection against micro-organisms, Level 3 - AQL 0.65 / Level 2 - AQL 1.5
Test: water-tightness, ISO2859 sampling by lot.

New:

EN ISO 374-5:2016



Virus

For protection against bacteria and fungi a penetration test is required using EN 374-2:2014. For protection against viruses, compliance to ISO 16604:2004 (method B) standard is necessary.

Chemical Permeation Classifications

Classification	Unclassified	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Time	<10	10-30	30-60	60-120	120-240	240 - 480	>480
Usage	Not recommended	Splash protection		Medium protection		High protection	

For more information, go to www.kimtech.eu/legislation

Kimtech™ G3 Sterile White Nitrile Gloves

- › Suitable for EU GMP ISO Class 5 / Grade A sterile cleanroom
- › Low levels of particles (max 950 >0,5µm/cm²) and endotoxins
- › Hand specific, length 30.5cm
- › Individually pair packed, double bagged and placed into case liners
- › Textured fingertips for enhanced grip
- › Available in a wide range of sizes 6.0-10.0

Kimtech™ G3 Sterile White Nitrile Gloves provide enhanced levels of contamination control and cleanliness. Excellent comfort and tactile control to ensure processes are safe and efficient. Protects against chemical splash, viruses, cytotoxic drugs and micro-organism contamination. Featuring textured fingertips for improved grip and sensitivity while being suitable for double donning. Validated to a Sterility Assurance Level (SAL) of 10^{-6} , cleanliness level of a maximum of 950 particles >0.5µm/cm² and endotoxin level of 20 units/pair maximum. Gloves are provided cleanroom-ready: individually pair packed, double bagged and placed into case liners.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- ASTM D6978-05 cytotoxic drugs splash protection
- Sterility Assurance Level (SAL) 10^{-6}
- CoA and Col available online

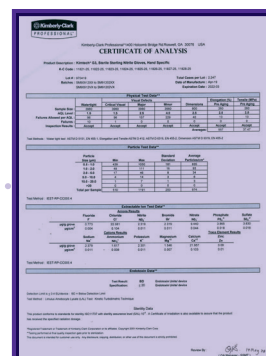
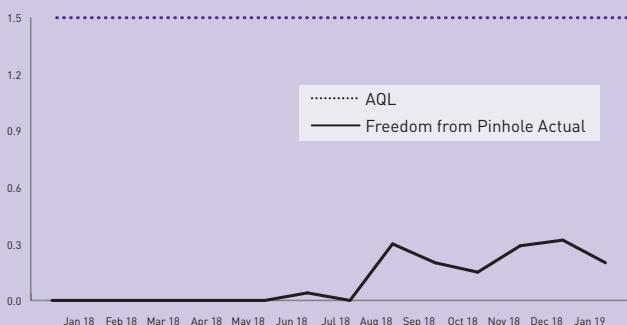


Description	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	Pairs/ Sachet	Total / Case
Kimtech™ G3 Sterile White Nitrile Gloves	HC61160	HC61165	HC61170	HC61175	HC61180	HC61185	HC61190	HC61110	20 pairs	200 pairs



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Freedom from Pinhole trend data for Kimtech™ G3 Sterile White Nitrile Gloves. January 2018 - January 2019



Kimtech™ G3 Sterile Sterling™ Nitrile Gloves

- › Suitable for EU GMP ISO Class 5 / Grade A sterile cleanroom
- › Low levels of particles (max 1200 >0,5µm/cm²) and endotoxins
- › Hand specific, length 30.5cm
- › Individually pair packed, double bagged and placed into case liners
- › Textured fingertips for enhanced grip
- › Available in a wide range of sizes 6.0-10.0

The Sterling™ nitrile technology reduces glove thickness and enhances strength without compromising safety and comfort. When double-donned, the Kimtech™ G3 Sterile Sterling™ Nitrile Gloves deliver a similar feel and dexterity compared to a single sterile latex glove. Eco-friendly packaging with 50% more gloves per case. Beaded cuffs for easy donning. Textured fingertips to enhance dexterity and sensitivity. High cleanliness level (1200 particles >0.5µm/cm²) and low endotoxin level (max 20 units/pair). Gloves are provided cleanroom ready : individually pair packed, double bagged and placed into case liners.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- ASTM D6978-05 cytotoxic drugs splash protection
- Sterility Assurance Level (SAL) 10⁻⁶
- CoA and Col available online



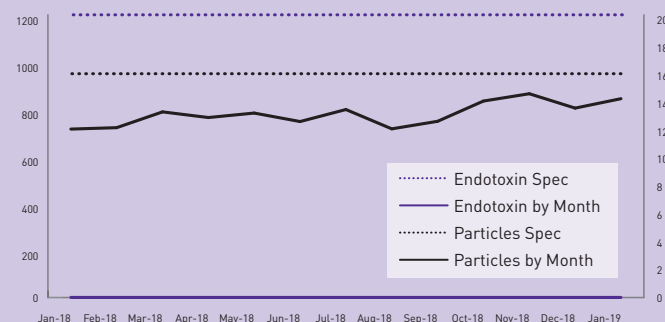
Description	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	Pairs/ Sachet	Total / Case
Kimtech™ G3 Sterile Sterling™ Nitrile Gloves	11821	11822	11823	11824	11825	11826	11827	11828	30 pairs	300 pairs



CE 0123
PPE CATEGORY III



Particles and Endotoxin trend data. Kimtech™ G3 Sterile White Nitrile Gloves. January 2018 - January 2019



Kimtech™ G3 Sterile Latex Gloves

- › Low levels of particles (max 1500 >0,5µm/cm²) and endotoxins
- › Hand specific, length 30.5cm
- › Pair packed and double bagged
- › Available in a wide range of sizes 6.0-10.0

Kimtech™ G3 Sterile Latex gloves provide sensitive and dextrous protection in EU GMP ISO Class 5 Grade A sterile cleanrooms.

The hand-specific gloves are suitable for double-donning and feature a textured finish for enhanced tactile performance.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- Sterility Assurance Level (SAL) 10⁻⁶
- CoA and Col available online



Description	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	Pairs/ Sachet	Total / Case
Kimtech™ G3 Sterile Latex Gloves	HC1360S	HC1365S	HC1370S	HC1375S	HC1380S	HC1385S	HC1390S	HC1310S	20 pairs	200 pairs



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PPE CATEGORY III

Kimtech™ G5 Sterile Latex Gloves

- › Low levels of particles (max 1500 >0,5µm/cm²) and endotoxins
- › Hand specific, length 30.5cm
- › Pair packed and double bagged
- › Available in a wide range of sizes 6.0-10.0

Kimtech™ G5 Sterile Latex gloves provide sensitive and dextrous protection in EU GMP ISO Class 5 Grade A sterile cleanrooms.

The hand-specific gloves are suitable for double-donning and feature a textured finish for enhanced tactile performance.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- Sterility Assurance Level (SAL) 10⁻⁶
- CoA and Col available online



Description	6.0	6.5	7.0	7.5	8.0	8.5	9.0	10.0	Pairs/ Sachet	Total / Case
Kimtech™ G5 Sterile Latex Gloves	HC1160S	HC1165S	HC1170S	HC1175S	HC1180S	HC1185S	HC1190S	HC1110S	20 pairs	200 pairs



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Kimtech™ G3 White & G3 NxT™ Nitrile Gloves

- › Industry-leading cleanroom disposable nitrile gloves offering high level of protection, cleanliness and quality
- › ISO 3 cleanroom compatible
- › Low level of particle (max 950 >0,5µm/cm²) and extractable ions
- › Available in tacky or slick finishing
- › Available in a wide range of sizes, from XS to XL

Kimtech™ G3 White and G3 NxT™ Nitrile gloves are ideal for handling delicate equipment in microelectronics, semiconductor, optics and non-sterile pharmaceutical applications. The high quality nitrile gloves deliver seamless protection when and where it is needed. The nitrile polymer material is designed for fit and reliability, with textured fingertips for improved grip and excellent water tightness with a low risk of pinholes. The gloves are ambidextrous and incorporate a beaded cuff for added strength and ease of donning. Powder and latex free to reduce the risk of Type 1 glove-associated reactions. During manufacture the gloves are washed repeatedly in ultrapure deionised water to ensure consistent control of particles and extractables. Provided double-bagged in cleanroom-compatible polyethylene and case liner so as to be easily integrated into your processes.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- ASTM D6978-05 cytotoxic drugs splash protection
- CoA available online



Description	XS	S	M	L	XL	Gloves/ Sachet	Total / Case
Kimtech™ G3 White Nitrile Gloves - Length 30.5 cm - Tacky Finish	HC61010	HC61011	HC61012	HC61013	HC61014	100	1000
Kimtech™ G3 NxT™ Nitrile Gloves - Length 30.5 cm - Slick Finish	62990	62991	62992	62993	62994		



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PPE CATEGORY III

Kimtech™ G3 & G5 Sterling™ Nitrile Gloves

- › Sterling™ Nitrile technology combines security, comfort and efficient, environmentally-friendly construction
- › Low level of particle⁽⁴⁾ (max 1200 >0,5µm/cm²) and extractable ions⁽⁵⁾
- › Contain no natural rubber latex, silicone or powder, to reduce skin irritation risks
- › Ambidextrous with beaded cuffs, length 30.5cm
- › Available in a wide range of sizes, from XS to XL

Kimtech™ G3 and G5 Sterling™ Nitrile Gloves provide environmentally-friendly contamination control in a range of challenging cleanroom environments. Suitable for use in ISO 3 or higher cleanrooms. The non-sterile gloves provide enhanced protection for both the wearer and their applications such as : semiconductors, non-sterile pharmaceuticals and medical devices. Tacky finish and textured fingertips result in improved tactile control and sensitivity. The efficient Sterling™ development process reduces their thickness, improving strength and allowing to pack 50% more gloves per case compared to standard cleanroom nitrile gloves. The nitrile material also reduces any risk of Type I glove-associated reactions relating to natural rubber latex. Provided in double-bagged PE pouches making them cleanroom-ready.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- ASTM D6978-05 cytotoxic drugs splash protection
- CoA available online



Description	XS	S	M	L	XL	Gloves/ Sachet	Total / Case
Kimtech™ G3 Sterling™ Nitrile Gloves	99234	99235	99236	99237	99239	250	1500
Kimtech™ G5 Sterling™ Nitrile Gloves	98184	98185	98186	98187	98189		

⁽⁴⁾<1200 particles for Kimtech™ G3 Sterling™ nitrile gloves and <2000 particles for the Kimtech™ G5 Sterling™ nitrile gloves

⁽⁵⁾Extractable ion data available only for the Kimtech™ G3 Sterling™ nitrile gloves



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Kimtech™ G3 & G5 Latex Gloves

- ▶ Made of high quality latex material providing high levels of protection and comfort
- ▶ Low level of particle⁽⁶⁾ (max 1500 >0,5µm/cm²) and extractable ions⁽⁷⁾
- ▶ Ambidextrous with beaded cuffs
- ▶ Available in a range of sizes, from S to XL

Kimtech™ G3 & G5 Latex cleanroom gloves provide enhanced tactile sensitivity and performance. Washed with DI water to ensure consistent control of particles and extractables. High-quality finish for tactile sensitivity and comfort in both wet and dry conditions. Provided double-bagged in cleanroom-compatible polyethylene and case liner so as to be easily integrated into your processes.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- EN 374-4:2014 Resistance to degradation by chemicals
- EN ISO 374-5:2016 Micro Organism and Virus Protection
- CoA available online



Description	S	M	L	XL	Gloves/ Sachet	Total / Case
Kimtech™ G3 Latex Gloves - Length 30.5cm	HC225	HC335	HC445	HC555	100	1000
Kimtech™ G5 Latex Gloves - Length 30.5cm	HC2211	HC3311	HC4411	HC5511	100	1000

⁽⁶⁾Kimtech™ G3 latex : Max 1500 >0,5µm/cm²

⁽⁶⁾Kimtech™ G5 latex : Max 3000 >0,5µm/cm²

⁽⁷⁾For Kimtech™ G3 Latex Gloves only



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PPE CATEGORY III

Cleanroom Gloves Selection Guide

	Product Code	Total Case Content	Finish	ISO / Class	Chemical Splash Protection	Micro-organisms Protection	Max Particle >0,5µm/cm²	Max Endotoxin Units/Pair
Kimtech™ Sterile Cleanroom Gloves								
G3 sterile White Nitrile Gloves	HC61160 - HC61110	200 pairs	Slick - double donning	ISO 5 Class A/B	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<950	<20
G3 sterile Sterling™ Nitrile Gloves	11821 - 11828	300 pairs	Slick - double donning	ISO 5 Class A/B	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<1200	<20
G3 sterile Latex Gloves	HC1360S - HC1310S	200 pairs	Slick - double donning	ISO 5 Class A/B	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<1500	<20
G5 sterile Latex Gloves	HC1160S - HC1110S	200 pairs	Slick - double donning	ISO 5 Class A/B	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<3000	<20
Kimtech™ Cleanroom Gloves								
G3 White Nitrile Gloves	HC61010 - HC61014	1000 gloves	Tacky	ISO 3 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<950	N/A
G3 NxT™ Nitrile Gloves	62990 - 62995	1000 gloves	Slick - double donning	ISO 3 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<950	N/A
G3 Sterling™ Nitrile Gloves	99234 - 99239	1500 gloves	Tacky	ISO 3 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<1200	N/A
G3 Latex Gloves	HC225 - HC555	1000 gloves	Smooth	ISO 3 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<1500	N/A
G5 Sterling™ Nitrile Gloves	98184 - 98189	1500 gloves	Tacky	ISO 5 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<2000	N/A
G5 Latex Gloves	HC2211 - HC5511	1000 gloves	Smooth	ISO 5 or higher Class C/D	EN ISO 374-1 Type C (K)	EN ISO 374-5 Virus	<3000	N/A

Looking to complete your cleanroom equipment?

Kimtech™ A5 Sterile Cleanroom Coverall

- › Featuring CLEAN-DON™ Technology for simple, safe and efficient aseptic gowning
- › EU GMP ISO 5 Grade A sterile cleanrooms compatible
- › Made from high performance low linting and breathable SMS fabric
- › Vacuum packed and individually double bagged
- › Available in a wide range of sizes S - 4XL

The Kimtech™ A5 Sterile Cleanroom Apparel is designed for simple, safe and efficient sterile donning practices, protecting the process and the cleanroom operators. Made from high performance SMS material which has a cloth-like feel to comfort the wearer and increase productivity. This low-lint fabric adheres to Helmke Drum test Category I and Sterility Assurance Level 10⁻⁶.

For a complete Head-To-Toe solution with innovative hood and overboots, please visit our website www.kimtech.eu.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425 (EU)
- Type 5 & 6 certified
- CoC and Col by lot available online



Description	S	M	L	XL	2XL	3XL	4XL	Total/case
Kimtech™ A5 sterile Cleanroom Coverall	88800	88801	88802	88803	88804	88805	88806	25



CE 0598

EN ISO 13982-1:2004
+A1:2010

EN 13034:2005
+A1:2009

Kimtech™ A8 Coveralls

- › Made of ultra-light breathable SMS antistatic treated
- › Unhooded design with high neck collar
- › Suitable for ISO 7 & 8 / Grade C & D cleanrooms
- › Low lint fabric, Helmke Drum test Cat III

Kimtech™ A8 Coveralls are designed to enhance comfort and reduce heat stress in the laboratory or cleanroom. This low-lint fabric is anti-static treated and adheres to Helmke Drum test Category III. The unhooded coverall design includes a high collar, for added neck protection, and built-in thumb loops for wrist coverage that reduces skin exposure.

Assured Compliance:

- PPE Cat III according to Regulation (EU) 2016/425
- Type 6 limited chemical splash protection
- Type 5 particle protection
- EN1149-5:2018 antistatic clothing^[8]



Description	S	M	L	XL	2XL	3XL	4XL	Total/case
Kimtech™ A8 Coveralls	47691	47692	47693	47694	47695	47696	47697	25

^[8] This coverall is antistatically treated and offers electrostatic protection according to EN1149-5:2018 when properly grounded



CE 0598

EN ISO 13982-1:2004
+A1:2010

EN 13034:2005
+A1:2009

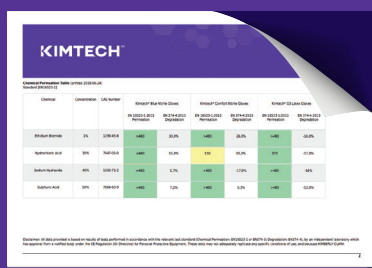
EN 1149-5:
2018

EN 1073-2:2002
TIL CLASS 1

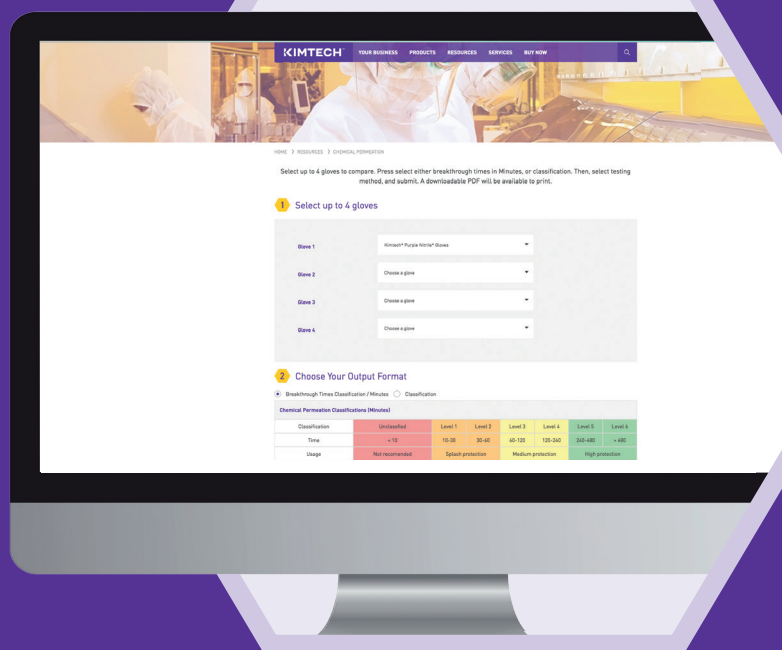
Chemical Permeation Data

Our website is a rich source of data for your business, visit www.kimtech.eu for:

- Glove chemical permeation data: from the top menu select “Resources” and then “Chemical Permeation”
- Certificate of Analysis and Certificate of Irradiation: from the top menu select “Resources” and then “Certificate”



Chemical	Concentration	Latex	Kimtech Blue Glove	Kimtech Green Glove	Kimtech Yellow Glove	Kimtech Orange Glove	Kimtech Red Glove
Hydrochloric acid	1N	100%	100%	100%	100%	100%	100%
Sulfuric acid	5N	100%	100%	100%	100%	100%	100%
Sodium hydroxide	40%	100%	100%	100%	100%	100%	100%
Sodium chloride	50%	100%	100%	100%	100%	100%	100%



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➤ For technical assistance contact us at kimtech.support@kcc.com



It is the employer's responsibility to assess the risk of the task to be undertaken and determine the correct choice of personal protective equipment for the task. The manufacturer, Kimberly-Clark, does not accept any responsibility for the incorrect choice or misuse of the personal protective equipment shown in this brochure. All care has been taken to ensure that the information contained herein is as accurate as possible at the time of publication, however errors may occur and legislation concerning personal protective equipment is under constant review and may change in the lifetime of this brochure. Accordingly, the specification for the products may be subject to change. We would advise you to contact your local sales representative if you have any queries concerning the products shown or the suitability of such products for a particular task. Always dispose of used protective equipment in a safe and appropriate manner in accordance with European, National and Local environmental regulations.

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