Kimberly-Clark PROFESSIONAL*

KIMTECH PURE* G3 White Nitrile Gloves

Engineered for Protection. Designed for Comfort.

DATA PACK

KIMTECH PURE* BRAND

Vital Process Protection and Comfort of Use

KIMTECH PURE* G3 White Nitrile Gloves

KIMTECH PURE* G3 White Nitrile Gloves offer a highly advanced protection of processes, helping you to reduce the risk of contamination.

- Recommended for ISO Class 3 or higher cleanroom environments
- Contain no natural rubber latex reducing the potential for TYPE I glove –associated reactions
- Beaded cuff, for added strength and ease in donning
- Textured fingertip
- Static dissipative in use
- Ambidextrous
- Double-bagged with case liner
- Certificate of Analysis (by Lot) available online
- Trend Data available online to demonstrate product quality over time

EN374-2:2003
LEVEL 2
EN374-1:2003
CE
0123

Whether there is the need for rigid contamination control in the class ISO 3-4 critical environment or class ISO 5-8 controlled environment, KIMBERLY-CLARK PROFESSIONAL* provides a complete line of gloves, masks, apparel and wipers to meet these needs.

All KIMBERLY-CLARK PROFESSIONAL* Products are manufactured to exacting quality standards. Our rigorous process controls ensure every product performs above and beyond the required class or grade for your cleanrooms and clean manufacturing facilities. We continually review our product lines through certification, validation, independent testing and, most importantly, customer satisfaction to ensure your most valuable assets – your processes, your people and your reputation, are protected.

KIMTECH PURE* BRAND

Kimberly-Clark PROFESSIONAL*

KIMTECH PURE* G3 White Nitrile Gloves

Formerly SAFESKIN* Critical Nitrile Gloves

Product Specifications

- Synthetic nitrile[1] 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 EN 420:2003
- Packaged in a Class 100 Cleanroom
- Meets or exceeds AQL level of 1.5 for pinholes
- Manufactured in accordance with Quality System ISO 9001

[1] Nitrile is a synthetic material exhibiting many of the properties of natural rubber latex while offering other distinct advantages: comfortable fit, resistance to puncturing and abrasion without compromising dexterity or electrostatic dissipative properties.

PHYSICAL PROPERTIES (Target values)

Characteristics	Value					Test Method
Freedom from holes	1.5AQL[1]					ASTM D 5151 and EN 374-2
[1] AQL as defined per ISO 2859-1 for sampling by attributes						
Tensile Properties	**Tensile Strength**			**Ultimate Elongation**		
- Before Aging	24 MPa, nominal			600% nominal		ASTM D 412 and ASTM D 573
- After Accelerated Aging	20 MPa, nominal			600% nominal		
Dimensional	**Measured Point**		**mm**			
- Nominal Thickness	Middle Finger		0.16			ASTM D 3767 and D 6319
	Palm		0.13			
	Cuff		0.10			
Palm Widths						
- Nominal Width (mm)	X-Small	Small	Medium	Large	X-Large	ASTM D 3767 and D 6319
	74	84	96	111	123	

KIMTECH PURE* G3 White Nitrile Gloves

Size and Code	30 cm
	10x
XS	HC61010
S	HC61011
M	HC61012
L	HC61013
XL	HC61014
	100x = 1000

CLEANLINESS CHARACTERISTICS

Parameter	Limit		Test Method
Particles			
Per $cm^2 \geq 0.5$ micron	950		IEST-RP-CC005
Extractables	µg/g	µg/cm^2	IEST-RP-CC005
Sodium (Na+)	10	0.07	
Ammonium (NH4+)	5	0.03	
Potassium (K+)	5	0.03	
Magnesium (Mg2+)	5	0.03	
Calcium (Ca2+)	45	0.30	
Chloride (Cl-)	35	0.23	
Nitrate (NO3-)	15	0.10	
Sulfate (SO42-)	10	0.07	
Zinc (Zn2+)	25	0.17	

INFORMATION SERVICE
For technical enquiries please email infofax@kcc.com
For sales enquiries please email kimtech.support@kcc.com

www.kcprofessional.com

Visit our website and discover a brand new concept in cleanroom: the CONTAMINOMICS* Programme –

www.contaminomics.com

Contaminomics

CERTIFICATE OF ANALYSIS

Product Description: KIMTECH PURE*G3 White Nitrile Gloves, 12" Ambi
(Formerly SAFESKIN* Critical Nitrile)
Catalog Numbers: HC61010, HC61011, HC61012, HC61013, HC69478, HC61014

Lot #: 410191 **Total Cases per Lot:** 571
Batches: SM902904X to SM903102X **Date of Manufacture:** Jan-09

Physical Test Data

			Visual Defects		Elongation (%)	Tensile (MPa)
	Watertight	Dimensions	Minor	Major	Pre Aging	Pre Aging
Sample Size:	1790	180	1790	1790	120	120
AQL Level:	1.5	2.5	4.0	2.5	2.5	2.5
Failures Allowed per AQL:	44	9	104	68	6	6
Failures:	0	0	0	0	0	0
Inspection Results:	Accept	Accept	Accept	Accept	Accept	Accept
				Averages:	769	20.4

Test Methods: Watertight ASTM D 5151, Elongation and Tensile ASTM D 412

Particle Test Data

Particle Size (µm)	Min	Max	Standard Deviation	Average Particles/cm²
0.5 - 1.0	65	357	103	199
1.0 - 2.0	6	104	25	26
2.0 - 5.0	1	15	4	5
5.0 - 10.0	0	1	0	0
10.0 - 20.0	0	0	0	0
>20	0	0	0	0
Total per Sample	89	386	116	231

Test Method: IEST-RP-CC005

Extractable Ion Test Data

	Anions Results						
	Fluoride F^-	Chloride Cl^-	Nitrite NO_2^-	Bromide Br^-	Nitrate NO_3^-	Phosphate PO_4^{-3}	Sulfate SO_4^{-2}
µg/g glove	<0.5	12.1	<2.5	<2.5	3.8	<5	<2
µg/cm²	<0.003	0.075	<0.016	<0.016	0.024	<0.031	<0.013
	Cations Results					Trace Element Results	
	Sodium Na^+	Ammonium NH_4^+	Potassium K^+	Magnesium Mg^{+2}	Calcium Ca^{+2}	Zinc Zn	
µg/g glove	0.8	0.5	1.0	0.3	14.8	1.6	
µg/cm²	0.005	0.003	0.006	0.002	0.091	0.010	

Test Method: IEST-RP-CC005

Review By : Sonni B.
(QA Executive - SSMT)

Kimberly-Clark Corporation

Declaration of Conformity

Product:	KIMTECH* Pure G3 Nitrile	
Product Codes:	KC Code	Size
	HC61010	XS
	HC61011	S
	HC61012	M
	HC61013	L
	HC61014	XL
Notified Body:	TUV Product Service (0123)	
Classification:	PPE Class III	
Applicable Norms:	Protective Gloves against Chemicals and Micro-Organisms (EN 374-1)	
	Protective Gloves against Mechanical Risks (EN 388)	
	General Requirements for Gloves (EN 420)	
EEC Representative:	Kimberly-Clark N.V.; Belgicastraat 13; 1930 Zaventem; Belgium	

Kimberly-Clark Corporation, Roswell, GA 30076-2199, USA declares that the new Personal Protective Equipment: Protective Gloves against Chemicals and Micro-Organisms, Model KIMTECH* Pure G3 Nitrile (Product Codes as aforementioned) is in conformity with the provisions of Council Directive 89/686/EEC and with the harmonized standard EN 420, EN 388 and EN 374-1/3. The device is identical to the Personal Protective Equipment, which is the subject of EC certificate of conformity N° P2 03 04 45160 004 issued by TUV Product Service GmbH, Munich, Germany. This device is subject to the procedure set out in Article 11 point B of Directive 89/686/EEC under the supervision of the Notified Body TUV Product Service, Munich (0123).

Intended Use:

The Glove shall protect the wearer against mechanical action whose effects are superficial; cleaning materials of weak action and easily reversible effects; risk encountered in the handling of hot components which do not expose the user to a temperature higher than 50 ^{0}C; minor impact and vibrations which do not effect vital areas of the body and whose effect cannot cause irreversible lesions; and is **not intended** for prolonged, direct exposure to harsh chemicals than stated.

These gloves are not intended for applications involving direct exposure to harsh chemicals, where heavy-duty industrial gloves are required. Variability in material thickness and glove integrity, chemical concentration, temperature and length of exposure to chemicals will affect specific performance.

This declaration is valid for the above product in its original, unmodified, unopened and undamaged packaging of the smallest unit.

Kimberly-Clark Corporation

Dr. Holger Most
Regulatory Affairs Europe

Kimberly Clark Corporation; 1400 Holcomb Bridge Road, Roswell,GA 30076-2199, U.S.A.
Phone: +31 76 5716 497 Fax: +31 84 2220 589

KIMTECH Pure G3*

Formerly SAFESKIN CRITICAL

White Nitrile Gloves
12" Ambidextrous

100

(EN) **White Nitrile Gloves** • 12"/30,5 cm Length • Ambidextrous • For Industrial Use Only • For Minimal Risks Only

(FR) **Gants en nitrile blancs** • Longueur 12"/30,5 cm • Ambidextres • Pour usage industriel uniquement • Pour risques minimaux uniquement

(DE) **Weiße Nitril-Handschuhe** • 30,5 cm Länge • Beidhändig tragbar • Nur für den industriellen Gebrauch • Nur für minimale Risiken

(BG) **Бели нитрилни ръкавици** • 12"/30,5 см дължина • Стават и на двете ръце • Само за промишлена употреба • За ползване само в среди с минимален риск

(ES) **Guantes de nitrilo blanco** • 30,5 cm (12 pulg.) de largo • Ambidiestros • Sólo para uso industrial • Sólo para riesgos mínimos

(CS) **Bílé nitrilové rukavice** • Délka 30,5 cm/12 palců • Na obě ruce • Pouze pro průmyslové použití • Pouze pro minimální rizika

(DA) **Hvide nitrilhandsker** • 30,5 cm lange • Til begge hænder • Kun til industribrug • Kun til minimal risiko

(ET) **Valged nitriilkindad** • Pikkus 30,5 cm • Mõlemakäelised • Ainult tööstuslikuks kasutuseks • Minimaalsete ohtude puhul

(EL) **Άσπρα γάντια νιτριλίου** • Μήκος 12"/30,5 cm • Αμφιδέξια • Για βιομηχανική χρήση μόνο • Μόνο για μηδαμινούς κινδύνους

(IT) **Guanti in nitrile bianchi** • Lunghezza 30,5 cm/12" • Ambidestri • Esclusivamente per uso industriale • Esclusivamente per livelli minimi di rischio

(LV) **Balti nitrila cimdi** • 12"/30,5 cm gari • Vienādi ērti abām rokām • Tikai industriālai lietošanai • Tikai minimāla riska apstākļiem

(LT) **Baltos nitrilo pirštinės** • 12"/30,5 cm ilgio • Abirankės • Tik pramoniniam naudojimui • Suteikia tik minimalią apsaugą

(HU) **Fehér nitrilkesztyű** • 12"/30,5 cm hosszú • Kétkezes • Csak ipari használatra • Csak minimális kockázatokhoz

(NL) **Witte nitrile handschoenen** • 12"/30,5 cm lang • Aan beide handen te dragen • Uitsluitend voor industrieel gebruik • Uitsluitend voor minimaal risico

(NO) **Hvite nitrilhansker** • 12"/30,5 cm lange • Tilpasset hver hånd • Kun for industribruk • Kun for lav risiko

(PL) **Białe rękawice nitrylowe** • Długość 30,5 cm • Oburęczne • Tylko do użytku przemysłowego • Tylko do minimalnych zagrożeń

(PT) **Luvas de nitrilo brancas** • 12"/30,5 cm de comprimento • Ambidextras • Somente para uso industrial • Somente para riscos mínimos

(RO) **Mănuşi albe de nitril** • 30,5 cm lungime • Ambidextre • Numai pentru uz industrial • Numai pentru riscuri minime

(RU) **Белые нитриловые перчатки** • Длина 12"/30,5 см • На любую руку • Только для промышленного применения • Только для минимальных рисков

(SK) **Biele nitrilové rukavice** • Dĺžka 30,5 cm/12 palcov • Na obi dve ruky • Len na priemyselné použitie • Len na minimálne riziká

(SL) **Bele nitrilne rokavice** • 12"/30,5 cm dolge • Za na obe roki • Samo za industrijsko uporabo • Samo za minimalno tveganje

(FI) **Valkoiset nitriilikäsineet** • Pituus 30,5 cm • Sopivat molempiin käsiin • Vain teollisuuskäyttöön • Vain pieniä riskejä varten

(SV) **Vita handskar av nitril** • 12"/30,5 cm långa • Ej handspecifika • Endast för industriellt bruk • Endast för låg risknivå

(TR) **Beyaz Nitril Eldivenler** • 12"/30,5 cm uzunluğunda • İki Ele de Uyumlu • Sadece endüstriyel kullanım içindir • Sadece asgari risk kullanımı içindir

(JA) **ニトリル手袋(白)** • 長さ30.5 • 両手用 • 産業用途専用 • 最小リスク用専用

Kimberly-Clark Professional*

www.kcprofessional.com

(EN) **Single Use Only**
(FR) Usage unique seulement
(DE) Nur zur einmaligen Verwendung
(ES) Úsese una sola vez
(PT) Uso único
(JA) 再使用禁止

(EN) **Attention: See Insert**
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(FR) Conserver au sec
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(EN) **Protect from Heat and Radioactive Sources**
(FR) Protéger des sources de chaleur et radioactives
(DE) Vor Hitze und radioaktiven Strahlen schützen
(ES) Proteger del calor y de las fuentes de radiactividad
(PT) Proteger contra o calor e fontes de radioactividade
(JA) 熱遮へい及び放射線防護

EN374-1
(EN) **Tested for Watertightness and Low Chemical Protection**
(FR) Testés pour étanchéité à l'eau et faible protection chimique
(DE) Geprüft auf Wasserfestigkeit und geringen Schutz gegen Chemikalien
(ES) Sometidos a pruebas de impermeabilidad y protección contra sustancias químicas leves (PT) Comprovadas contra a estanqueidade à água e protecção contra produtos químicos fracos (JA) 水密性および低度対化学薬品性を検査済

EN374-2
LEVEL 2
(EN) **Tested for Microorganism Hazards**
(FR) Testés pour les risques causés par les microorganismes
(DE) Geprüft für Gefahren durch Mikroorganismen
(ES) Sometidos a pruebas contra riesgos presentados por microorganismos
(PT) Comprovadas contra perigos apresentados por microrganismos
(JA) 微生物危険性のテスト済み

Manufactured by Kimberly-Clark, Roswell, GA 30076 USA
Distributed in the U.S. by Kimberly-Clark Global Sales, Inc., Roswell, GA 30076 USA • USA • kimtech@kcc.com • 1-800-255-6401
EC REP Kimberly-Clark N.V., Belgicastraat 13, 1930 Zaventem, Belgium
Europe • infofax@kcc.com • +44(0) 1737 736000
Asia • +603 7807 8210
Made in Thailand

CE 0123 EN420

AQL 1,5 G1

Made in Thailand / Fabriqué en Thaïlande / Hergestellt in Thailand / Vervaardigd in Thailand / Prodotto in Tailandia / Fabricado en Tailandia / Fabricado na Tailândia / Fremstillet i Thailand / Tillverkad i Thailand / Fremstillet i Thailand / Произведено в Таиланде/ Wyprodukowano w Tajlandii / Vyrobeno v Thajsku / Készült Thaiföldön 140214-02

REF

LOT 41
製造番号

Expiration Date
使用期限

Kimberly-Clark Professional*

KIMTECH Pure* G3

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KIMTECH Pure* G3

Formerly SAFESKIN* CRITICAL

White Nitrile Gloves
12" Ambidextrous

(EN) **White Nitrile Gloves** • 12"/30,5 cm Length • Ambidextrous • Contains No Natural Rubber Latex • For the Critical Cleanroom Environment • For Industrial Use Only • For Minimal Risks Only

(FR) **Gants en nitrile blancs** • Longueur 12"/30,5 cm • Ambidextres • Ne contient pas de latex de caoutchouc naturel • Pour l'environnement critique de salle blanche • Pour usage industriel uniquement • Pour risques minimaux uniquement

(DE) **Weiße Nitril-Handschuhe** • 12"/30,5 cm Länge • Beidhändig tragbar • Frei von Naturkautschuk-Latex • Für die kritische Reinraumumgebung • Nur für den industriellen Gebrauch • Nur für minimale Risiken

(BG) **Бели нитрилни ръкавици** • 12"/30,5 см дължина • Стават и на двете ръце • Не съдържат латекс от естествен каучук • За употреба в критичните условия на чистите помещения. • Само за промишлена употреба • За ползване само в среди с минимален риск

(ES) **Guantes de nitrilo blanco** • 12"/30,5 cm de largo • Ambidiestros • No contienen látex de goma natural • Para entornos como sala blanca clasificada crítica • Sólo para uso industrial • Sólo para riesgos mínimos

(CS) **Bílé nitrilové rukavice** • Délka 12"/30,5 cm • Na obě ruce • Neobsahuje přírodní gumový latex • Pro kritické prostředí čisté místnosti • Pouze pro průmyslové použití • Pouze pro minimální rizika

(DA) **Hvide nitrilhandsker** • 12"/30,5 cm lange • Til begge hænder • Indeholder ikke naturgummilatex • Til kritisk renrumsmiljø • Kun til industribrug • Kun til minimal risiko

(ET) **Valged nitriilkindad** • Pikkus 12"/30,5 cm • Mõlemakäelised • Ei sisalda naturaalset kummilateksit • Kriitilise puhasruumi keskkonna tarbeks • Ainult tööstuslikuks kasutuseks • Minimaalsete ohtude puhul

(EL) **Άσπρα γάντια νιτριλίου** • Μήκος 12"/30,5 cm • Αμφιδέξια • Χωρίς λατέξ από φυσικό καουτσούκ • Για το κρίσιμο περιβάλλον καθαρού θαλάμου • Για βιομηχανική χρήση μόνο • Μόνο για μηδαμινούς κινδύνους

(IT) **Guanti in nitrile bianchi** • Lunghezza 12"/30,5 cm • Ambidestri • Prodotto non contenente lattice di gomma naturale • Per ambiente critico in camera bianca • Per uso esclusivamente industriale • Esclusivamente per livelli minimi di rischio

(LV) **Balti nitrila cimdi** • 12"/30,5 cm gari • Vienādi ērti abām rokām • Nesatur dabiskās gumijas lateksu • Kritiski tīrās telpas apstākļiem • Tikai industriālai lietošanai • Tikai minimāla riska apstākļiem

(LT) **Baltos nitrilo pirštinės** • 12"/30,5 cm ilgio • Abirankės • Sudėtyje nėra natūralaus kaučiuko latekso • Skirtos kritinei švarios zonos aplinkai • Tik pramoniniam naudojimui • Suteikia tik minimalią apsaugą

(HU) **Fehér nitrilkesztyű** • 12"/30,5 cm hosszú • Kétkezes • Nem tartalmaz természetes gumi latexet • Kritikus tisztaszobai környezetbe • Csak ipari használatra • Csak minimális kockázatokhoz

10 x 100 = 1000

Kimberly-Clark Professional*

CE 0123 EN420

6
LOT 制造番号 01234567891234567
REF **HC61010**
Expiration Date 使用期限 012345
(01) 3 06 60651 00000 0
FPO

KIMTECH Pure* G3

White Nitrile Gloves
12" Ambidextrous

Formerly SAFESKIN* CRITICAL

EN374-1
(EN) **Tested for Watertightness and Low Chemical Protection**
(FR) Testés pour étanchéité à l'eau et faible protection chimique
(DE) Geprüft auf Wasserundurchlässigkeit und geringen Schutz gegen Chemikalien
(ES) Sometidos a pruebas de impermeabilidad y protección contra sustancias químicas leves
(PT) Comprovadas contra a estanqueidade à água e protecção contra produtos químicos fracos
(JA) 水密性および低度対化学薬品性を検査済

EN374-2 LEVEL 2
(EN) **Tested for Microorganism Hazards**
(FR) Testés pour les risques causés par les microorganismes
(DE) Geprüft für Gefahren durch Mikroorganismen
(ES) Sometidos a pruebas contra riesgos presentados por microorganismos
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AQL 1,5 G1

(EN) **Keep Dry**
(FR) Conserver au sec
(DE) Trocken halten
(ES) Mantener secos
(PT) Manter seco
(JA) 水ぬれ防止

(EN) **Store in a cool, dry place.**
(FR) Conserver dans un endroit frais et sec.
(DE) An einem kühlen trockenen Platz aufbewahren.
(BG) Да се съхраняват на студено и сухо място.
(ES) Almacene en un lugar fresco y seco.
(CS) Uskladňujte na chladném, suchém místě.
(DA) Opbevares tørt og køligt.
(ET) Hoida jahedas kuivas kohas.
(EL) Αποθηκεύστε σε δροσερό, ξηρό χώρο.
(IT) Conservare in luogo fresco e asciutto.
(LV) Uzglabāt vēsā, sausā vietā.
(LT) Laikyti vėsioje, sausoje vietoje.
(HU) Száraz, hűvös helyen tároljuk.
(NL) Koel en droog bewaren.
(NO) Oppbevares tørt og kjølig.
(PL) Przechowywać w chłodnym, suchym miejscu.
(PT) Conservar em lugar fresco e seco.
(RO) A se depozita la loc uscat şi rece.
(RU) Хранить в прохладном, сухом месте.
(SK) Chráňte pred teplom a zdrojmi rádioaktivity.
(SL) Hranite na hladnem in suhem mestu.
(FI) Säilytettävä viileässä ja kuivassa.
(SV) Förvaras på en sval, torr plats.
(TR) Serin ve kuru bir yerde saklayınız.
(JA) 涼しい乾いた場所に保管してください。

Kimberly-Clark Professional*

CE 0123 EN420

6
LOT 制造番号 01234567891234567
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KIMTECH Pure* G3

White Nitrile Gloves
12" Ambidextrous

Formerly SAFESKIN* CRITICAL

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(FR) Testés pour les risques causés par les microorganismes
(DE) Geprüft für Gefahren durch Mikroorganismen
(ES) Sometidos a pruebas contra riesgos presentados por microorganismos
(PT) Comprovadas contra perigos apresentados por microrganismos
(JA) 微生物危険性のテスト済み

(EN) Single Use Only
(FR) Usage unique seulement
(DE) Nur zur einmaligen Verwendung
(ES) Úsese una sola vez
(PT) Para uso único
(JA) 再使用禁止

(EN) Attention: See Insert
(FR) Attention: Voir encart
(DE) Achtung: Siehe Packungsbeilage
(ES) Aviso: Ver hoja insertada
(PT) Atenção: Consultar a literatura inclusa
(JA) インサートをご覧下さい

(EN) Protect from Heat and Radioactive Sources
(FR) Protéger des sources de chaleur et radioactives
(DE) Vor Hitze und radioaktiven Strahlen schützen
(ES) Proteger del calor y de las fuentes de radiactividad
(PT) Proteger contra o calor e fontes de radioactividade
(JA) 熱遮へい及び放射線防護

AQL 1,5 G1

(EN) Keep Dry
(FR) Conserver au sec
(DE) Trocken halten
(ES) Mantener secos
(PT) Manter seco
(JA) 水ぬれ防止

(EN) Store in a cool, dry place.
(FR) Conserver dans un endroit frais et sec.
(DE) An einem kühlen trockenen Platz aufbewahren.
(BG) Да се съхраняват на студено и сухо място.
(ES) Almacene en un lugar fresco y seco.
(CS) Uskladňujte na chladném, suchém místě.
(DA) Opbevares tørt og køligt.
(ET) Hoida jahedas kuivas kohas.
(EL) Αποθηκεύστε σε δροσερό, ξηρό χώρο.
(IT) Conservare in luogo fresco e asciutto.
(LV) Uzglabāt vēsā, sausā vietā.
(LT) Laikyti vėsioje, sausoje vietoje.
(HU) Száraz, hűvös helyen tároljuk.
(NL) Koel en droog bewaren.
(NO) Oppbevares tørt og kjølig.
(PL) Przechowywać w chłodnym, suchym miejscu.
(PT) Conservar em lugar fresco e seco.
(RO) A se depozita la loc uscat şi rece.
(RU) Хранить в прохладном, сухом месте.
(SK) Chráňte pred teplom a zdrojmi rádioaktivity.
(SL) Hranite na hladnem in suhem mestu.
(FI) Säilytettävä viileässä ja kuivassa.
(SV) Förvaras på en sval, torr plats.
(TR) Serin ve kuru bir yerde saklayınız.
(JA) 涼しい乾いた場所に保管してください。

Kimberly-Clark Professional*

CE 0123 EN420

KIMTECH Pure* G3

Formerly SAFESKIN* CRITICAL

White Nitrile Gloves
12" Ambidextrous

(EN) White Nitrile Gloves • 12"/30,5 cm Length • Ambidextrous • Contains No Natural Rubber Latex • For the Critical Cleanroom Environment • For Industrial Use Only • For Minimal Risks Only

(NL) **Witte nitrile handschoenen** • 12"/30,5 cm lang • Aan beide handen te dragen • Bevat geen natuurlijk rubberlatex • Voor de kritieke omgeving van stofvrije kamers • Uitsluitend voor industrieel gebruik • Uitsluitend voor minimaal risico

(NO) **Hvite nitrilhansker** • 12"/30,5 cm lange • Tilpasset hver hånd • Fri for naturgummilateks • For det kritiske "cleanroom"-miljøet • Kun for industribruk • Kun for lav risiko

(PL) **Białe rękawice nitrylowe** • Długość 12"/30,5 cm • Oburęczne • Nie zawierają naturalnej gumy lateksowej • Do użytku w środowisku o najwyższym stopniu czystości • Tylko do użytku przemysłowego • Tylko do minimalnych zagrożeń

(PT) **Luvas de nitrilo brancas** • 12"/30,5 cm de comprimento • Ambidextras • Não contém látex de borracha natural • Para ambientes críticos e de contaminação reduzida • Somente para uso industrial • Sómente para riscos mínimos

(RO) **Mănuşi albe de nitril** • 12"/30,5 cm lungime • Ambidextre • Nu conţin latex din cauciuc natural • Pentru un ambient critic de contaminare redusă • Numai pentru uz industrial • Numai pentru riscuri minime

(RU) **Белые нитриловые перчатки** • Длина 12"/30,5 см • На любую руку • Не содержат природного латекса • Для использования в критически чистых помещениях • Только для промышленного применения • Только для минимальных рисков

(SK) **Biele nitrilové rukavice** • Dĺžka 12"/30,5 cm • Na obi dve ruky • Neobsahuje prírodní gumový latex • Pre kritické prostredie čistej miestnosti • Len pre priemyselné použitie • Len na minimálne riziká

(SL) **Bele nitrilne rokavice** • 12"/30,5 cm dolge • Za na obe roki • Ne vsebuje kavčuka iz naravnega lateksa • Za uporabo v kritičnih čistih sobah • Samo za industrijsko uporabo • Samo za minimalno tveganje

(FI) **Valkoiset nitriilikäsineet** • Pituus 12"/30,5 cm • Sopivat molempiin käsiin • Eivät sisällä luonnonkumilateksia • Kriittistä puhdashuoneympäristöä varten • Vain teolliseen käyttöön • Vain pieniä riskejä varten

(SV) **Vita handskar av nitril** • 12"/30,5 cm långa • Ej handspecifika • Innehåller ingen naturgummilatex • Avsedda för användning inom renrumsmiljö • Endast för industriellt bruk • Endast för låg risknivå

(TR) **Beyaz Nitril Eldivenler** • 12"/30,5 cm uzunluğunda • İki Ele de Uyumlu • Doğal Kauçuk Lateks İçermez • Kritik Temiz Oda kullanımına Yönelik • Sadece endüstriyel kullanım içindir • Sadece asgari risk kullanımı içindir

(JA) **ニトリル手袋(白)** • 長さ 30.5 cm • 両手用 • 天然ゴムラテックスは一切含まれていません • 高度なクリーンルーム環境用 • 産業用途専用 • 最小リスク用専用

10 x 100 = 1000

Kimberly-Clark Professional*

CE 0123 EN420

11/19/06
130176-02
330 mm(L) x 305 mm(W) x 255 mm(D)

PMS 286

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(01) 3 06 60651 00000 0
FPO

Dotted Lines indicate placement of Thermal Labels and does not print.
The label will contain the Code number, Size, Lot number, expiration date, and bar code.

Test Method for Analyzing Liquid Particle Counts

This test method is used to analyze the mobile particle contaminants from cleanroom gloves.

1. Scope
   - 1.1. The test method covers the average particulate contamination found on gloves designated for cleanroom applicability.
   - 1.2. The average contaminant concentration will be reported in particles per cm^2 in two ways:
     - 1.2.1. By size grouping, 0.5 to 1.0 microns, 1.0 to 2.0 microns, 2.0 to 5.0 microns, 5.0 to 10.0 microns, 10.0 to 20.0 microns, greater than 20.0 microns, and a total particle count greater than 0.5 microns.
     - 1.2.2. Statistical analysis of each grouping consisting of Minimum Value, Maximum Value, Standard Deviation, and Average Value, for each group of individual gloves.
   - 1.3. The safe and proper use of gloves is beyond the scope of this test method.
   - 1.4. This test method does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this Test Method to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents
   - 2.1. IEST-RP-CC005.3 Recommended Practice for Gloves and Finger Cots Used in Cleanrooms and Other Controlled Environments
   - 2.2. Work Instruction
3. Apparatus
   - 3.1. Analytical Balance, capable of readability and repeatability to 0.1 mg
   - 3.2. Particle Measuring Systems CLS-900 Liquid Particle Counting System
   - 3.3. 2000 mL glass beaker or 1000mL glass conical flask
   - 3.4. Stainless Steel Forceps, 10" length
   - 3.5. 250 ml Volumetric Flask
   - 3.6. 500 ml Volumetric Flask
   - 3.7. High Purity Deionized Water System, capable of producing 18.2 MOhm quality water
   - 3.8. Point of Use Filter, 0.2 micron size
   - 3.9. Orbital Shaker, ¾" orbit, capable of 200 rpm
   - 3.10. Circular Die, 1.5 inch diameter, calibrated

4. Procedure
   - 4.1. Test Preparation
     - 4.1.1. Prior to extraction, all Erlenmeyer flasks will be cleaned no less than five times with high purity deionized water filtered to 0.2 microns at point of use.
     - 4.1.2. All related equipment (forceps, volumetric flasks, etc.) must be rinsed with high purity deionized water prior to use.
   - 4.2. Extraction
     - 4.2.1. Randomly pull a glove from the package.
     - 4.2.2. Place glove finger-first into the one liter Erlenmeyer flask and hold open by cuff using the rinsed forceps.
     - 4.2.3. Empty into the inside of the glove 500 ml high purity filtered deionized water.
     - 4.2.4. Allow the glove to settle into the Erlenmeyer flask.
     - 4.2.5. Place an additional 250 ml high purity filtered deionized water over the glove within the Erlenmeyer flask.
     - 4.2.6. Allow the Erlenmeyer flask with glove to agitate on the shaker for 10 minutes ± 10 seconds at a rate of 150 rpm ± 10 rpm.
     - 4.2.7. Using clean tongs, immediately remove the glove from the container. Drain any trapped liquid into the beaker by manipulating the fingers on the glove, with the tongs
     - 4.2.8. Dispose of the glove.
     - 4.2.9. Repeat the extraction two additional times to complete the set.
     - 4.2.10. Prepare a process blank, using all the steps in section 4.2, without placing the glove in the Erlenmeyer flask.

4.3. Measurement

4.3.1. Follow the Work Instruction for the Liquid Particle Counter for analyzing the solutions.

4.4. Glove Surface Area

4.4.1. Pull three gloves from the production package and weigh to the nearest 0.1 mg.

4.4.2. Record as A.

4.4.3. Cut the 3 gloves with square die (5X5 cm.) by wheel cutter at palm. This will give you six cut-out sections.

4.4.4. Weight the six cut-out sections. Record this as B.

4.4.5. Calculate the surface area of the glove using the following equation :

$$\frac{A \times 5 \times 5 \times 4}{B}$$

5. Calculations

5.1. Calculate counts/cm^2 by channel size using the following equation:

$$\frac{\text{(Sample (counts/mL)-Blank (Counts/mL) x Extraction volume (mL) x DF}}{\text{Surface area (in cm}^2\text{)}}$$

5.2. Total Counts/cm^2 : $= \sum AllChannelSizes$

6. Reporting

6.1. The final report should include the Lot Number, Batch number, Product Description, Part Number, and any other pertinent information about the sample, as well as the final calculated counts/cm^2 by channel size and a total counts/cm^2 greater than 0.5 microns.

6.2. Statistics will be calculated and reported on sample sizes greater than three.

Test Method for Analyzing Extractables

This test method is used to analyze the soluble ionic extractable contaminants from cleanroom gloves.

1. Scope
   1.1. The test method covers the average ionic contamination found on gloves designated for cleanroom applicability.
   1.2. The average contaminant concentration will be reported in one of two ways:
      1.2.1. Micrograms of ionic contaminant per gram of glove weight (ug/g), also described as ppm.
      1.2.2. Micrograms of ionic contaminant per square centimeter of glove area (ug/cm^2)
   1.3. This test method does not cover contaminants that are insoluble in water, or organic macromolecules.
   1.4. The safe and proper use of gloves is beyond the scope of this test method.
   1.5. This test method does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this Test Method to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.

2. Referenced Documents
   2.1. IEST-RP-CC005.2 Recommended Practice for Gloves and Finger Cots Used in Cleanrooms and Other Controlled Environments.
   2.2. Work Instruction WI 10-05-26, Work Instruction for Performing Ion Chromatography Analysis of Gloves

3. Apparatus
   3.1. Analytical Balance, capable of readability and repeatability to 0.1 mg
   3.2. Ion Chromatograph
   3.3. Extraction Containers, 1 liter capacity, HDPE with screw type lids
   3.4. Stainless Steel Forceps, 10" length
   3.5. 500 ml Volumetric Flask
   3.6. High Purity Deionized Water System, capable of producing 18.0 MOhm quality water
   3.7. Point of Use Filter, 0.1 micron size
   3.8. Circular Die, 1.5 inch diameter, calibrated

4. Procedure
   4.1. Test Preparation
      4.1.1. Prior to extraction, all extraction containers will be cleaned using high purity deionized water high purity deionized water filtered to 0.2 microns at point of use.
      4.1.2. All related equipment (forceps, volumetric flasks, etc.) must be rinsed with high purity de-ionized water prior to use.

   4.2. Extraction
      4.2.1. Randomly pull a glove from the package.
      4.2.2. Place glove finger-first into the one liter Erlenmeyer flask and hold open by cuff using the rinsed forceps.
      4.3. Empty into the inside of the glove approximately 250 ml high purity filtered deionized water.
      4.4. Allow the glove to settle into the extraction container.
      4.5. Pour remaining 250 ml high purity filtered deionized water over the glove within the extraction container.
      4.6. Place the lid upon the container and seal tightly.
      4.7. Gently swirl the container to ensure that all surfaces of the glove are wetted.
      4.8. Allow the glove to extract in the deionized water for at least 10 minutes, but no longer than 11 minutes.
      4.9. Remove the glove by the fingers, allowing most of the water trapped in the fingers to drain back in to the extraction container.
      4.10. Dispose of the glove.
      4.11. Repeat extraction two additional times to complete the set.
      4.12. Prepare a sample blank, using all the steps in section 2, without placing the glove in the extraction container.

4.13. Measurement

4.13.1. Follow the guidelines for the Ion Chromatograph for analyzing aqueous solutions.

4.14. Glove weight and surface area

4.14.1. Pull three gloves from the production package and weigh to the nearest 0.1 mg.

4.14.2. Record as A.

4.14.3. Cut the 3 gloves with square die (5X5 cm.) by wheel cutter at palm. This will give you six cut-out sections.

4.14.4. Weight the six cut-out sections. Record this as B.

4.14.5. Calculate the surface area of the glove using the following equation :

$$\text{Surface area} = \frac{A \times 5 \times 5 \times 4}{B}$$

5. Calculations

5.1. Once the data output from the Chromatograph has been reviewed for errors, calculate the following:

5.1.1. ug/g (ppm) contamination: $= \frac{(AnalyteConc.) * (500ml)}{GloveWeight}$

5.1.2. ug/cm^2 contamination: $= \frac{(AnalyteConc.) * (500ml)}{SurfaceArea}$

6. Reporting

6.1. The final report should include the Lot number, Batch number, Product description, Part number, and any other pertinent information about the sample, as well as the final calculated contaminant concentration in ug/g and ug/cm^2.