



***Hearing
Protection***



***Hearing
Protection***



Wear it for Protection. Want it for Comfort.

KLEENGUARD* Brand Safety Products Catalog



KleenGuard*
BRAND

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To see our most innovative products, look for this symbol

See back cover for important product information.

Wear it for Protection. Want it for Comfort.

At KIMBERLY-CLARK PROFESSIONAL*, we understand that when it comes to safeguarding workplace health and hygiene, there is no compromise. That's why we're constantly seeking new ways to help ensure compliance.

Here, you'll find our full line of head-to-toe KLEENGUARD* Brand Products which includes ***NEW hearing protection, coveralls, gloves, eye protection and particulate respirators.***

We also make it easy to choose the right products for your application, with simplified product names and easy-to-use online selection tools:



Symbiosis Man Virtual Model
www.mykleenguard.com

Interactive Chemical Resistance Database
www.kc-safety.com/chemicalbarrierdata

Product Selector Tool
www.kc-safety.com/productselector

Safety KNOWLEDGE NETWORK*
www.kc-safety.com/kn

KLEENGUARD* Brand Products and selection tools are all part of the KIMBERLY-CLARK PROFESSIONAL* commitment to help you protect workplace health and hygiene.

KLEENGUARD^{*} Brand Hearing Protection

All new hearing protection with all-day comfort.





NEW!

H50	Multiple-Use Ear Clips
H30	Multiple-Use ComfortFlex Earplugs
H20	Reusable Earplugs
H10	Disposable Earplugs



Introducing Hearing Protection

This simple chart helps you select the right hearing protection for you.

KLEENGUARD [*] Brand Hearing Protection									
Description	NRR	Multiple-Use	Comfort [†]	Fit [†]	Innovative [†]	Type	Fits with Other PPE	Replacement Part	
 H50 Multiple-Use Ear Clips	20	YES	✓✓✓✓	✓✓✓✓	✓✓	Ear Clip	YES	67237	
 H30 Multiple-Use ComfortFlex Earplugs	25	YES	✓✓✓✓	✓✓✓✓	✓	Tapered Bell	YES	N/A	
 H20 Reusable Earplugs	26	YES	✓✓	✓	N/A	Flanged	YES	N/A	
 H10 Disposable Earplugs	31	NO	✓✓	Requires Rolling Down	N/A	Bullet	YES	N/A	

[†] Based on user evaluation

H10

Disposable Earplugs



Features

- Soft roll-down foam
- “Bullet” shaped for easy insertion
- Ultra-smooth exterior for comfort
- Distinctive color for easy compliance monitoring
- Available uncorded and corded
- Individually packaged
- Universal size
- NRR 31; Class A(L)

H20


Reusable Earplugs




Features

- Unique thicker stem for easy insertion and removal
- Ridged stem for better grip
- Three soft flanges collapse to conform to ear canal
- Distinctive color for easy compliance monitoring
- Washable
- Available uncorded and corded
- Individually packaged for hygienic storage
- Universal size
- NRR 26; Class A(L)

KLEENGUARD* H10 Disposable Earplugs

	Code	Corded	NRR	Class	Case Count
	67210	No	31	A(L)	200 pairs/box • 8 boxes/case
	67212	Yes	31	A(L)	100 pairs/box • 8 boxes/case

KLEENGUARD* H20 Reusable Earplugs

	Code	Corded	NRR	Class	Case Count
	67220	No	26	A(L)	100 pairs/box • 4 boxes/case
	67221	Yes	26	A(L)	100 pairs/box • 4 boxes/case

H30

Multiple-Use ComfortFlex Earplugs

With the new KLEENGUARD* H30 Multiple-Use ComfortFlex Earplugs, it's what's inside that matters most. A specially designed inner stem helps to fit and "flex" the earplug to conform to the natural curves and shape of the ear canal. The ultra-soft exterior foam works in unison with the inner stem to provide superior comfort – all shift long. Plus, an ergonomic handle makes insertion and removal easier and more hygienic. It's an all-together better hearing protection solution that effectively blocks harmful noise to help you focus on performance, safety and compliance.


Features

- Comfort of foam plus easy to use
- Flexible stem for custom fit
- Reusable
- No roll-down required
- Patent-pending tapered design
- Conforms to ear canal
- Stays in place
- Individually packaged
- Available uncorded and corded
- NRR 25; Class A(L)



The "no-roll-down" foam limits hand-to-foam contamination. Simply wipe or wash clean and allow to air dry for continued reuse.

KLEENGUARD* H30 Multiple-Use ComfortFlex Earplugs

	Code	Corded	NRR	Class	Case Count
	67225	No	25	A(L)	50 pairs/box • 4 boxes/case
	67226	Yes	25	A(L)	50 pairs/box • 4 boxes/case

H50

Multiple-Use Ear Clips

Introducing the ultimate fusion of hearing protection, comfort and style – KLEENGUARD* Brand H50 Multiple-Use Earclips. This innovative solution features an ear clip chassis and removable foam ear pad that fits comfortably with the ear to block unwanted workplace noise without intruding into the sensitive ear canal. The ear clip is lightweight and stays securely in place without relying on high-pressure bands or pressure inside the ear canal.

KLEENGUARD* H50 Ear Clips are designed for hygienic multiple uses. With the soft foam pad, there’s never a need to squish or roll down – simply press into opening of ear canal. Ear Clip and foam pad can be wiped or washed clean and allowed to air dry for reuse.

Each pair of KLEENGUARD* H50 Ear clips comes in its own specially-designed case providing hygienic storage and a convenient way to keep extra foam pads when ear clips are in use.



Features


- Comfort + style + protection
- Lightweight ear clip plus removable soft pads
- Stays securely in place
- No intruding into ear canal
- Reusable
- No roll-down required
- Hygienic storage case
- Easy compliance monitoring
- Available uncorded and corded
- NRR 20; Class B(L)



The “no-roll-down” foam pads help limit hand-to-foam contamination. Pads are reusable, too – simply wipe or wash clean and allow to air dry.

IMPORTANT: Foam pads provide protection only when worn with ear clip base. Not to be worn separate from ear clips.

KLEENGUARD* H50 Multiple-Use Ear Clips

	Code	Corded	NRR	Class	Case Count
	67235	No	20	B(L)	10 pairs/box • 8 boxes/case
	67236	Yes	20	B(L)	10 pairs/box • 8 boxes/case
	67237	Replacement Pads			50 pairs/box • 4 boxes/case

KLEENGUARD^{*} Brand Eye Protection

See the difference comfort makes in eye protection.

V50	Contour Eye Protection with Foam Fog & Particle Shield
V40	Contour Eye Protection
V30	Flexible Eye Protection
V20	Comfort Eye Protection
V10	Standard Eye Protection



Use this chart to help you select the Eye Protection best suited for your work task.

KLEENGUARD [*] Eye Protection					
Lens Style	V10 Standard	V20 Comfort	V30 Flexible	V40 Contour	V50 Contour ^{††}
Amber	X	X	X	X	X (Anti-Fog)
Clear	X	X	X	X	X (Anti-Fog)
Smoke	X	X	X	X	X (Anti-Fog)
Silver Mirror				X	
Clear, Anti-fog		X	X	X	
Indoor/Outdoor		X	X	X	
OTG, Clear	X				

Protection Feature	V10 Standard	V20 Comfort	V30 Flexible	V40 Contour	V50 Contour ^{††}
Impact Resistant	X	X	X	X	X
Wraparound Lens		X	X	X	X
Adjustable Lens Angle			X	X	X
ANSI Z87.1+	X	X	X	X	X
99.9% UVA/UVB Protection	X	X	X	X	X
Hardcoat Lenses	X	X	X	X	X
Integrated Fog Shield					X

Comfort Feature	V10 Standard	V20 Comfort	V30 Flexible	V40 Contour	V50 Contour ^{††}
Lightweight Frames	X [†]				
Ratcheted Temples			X	X	X
Padded Temples		X	X	X	X
Padded Nose Bridge			X	X	X
Cushioned Brow Bar				X	X

[†] Except OTG (Over-the-glass)
^{††} All Anti-Fog

V10

Standard Eye Protection††



Features

- Impact resistant
- Lightweight frames for added comfort†
- 99.9% UVA/UVB protection
- Over-the-glass (OTG)

† Except OTG (Over-the-glass)

Code	Color	Pairs/Box	Boxes/Case	Pairs/Case
08651	Amber	100	1	100
08652	Clear	100	1	100
08653	Smoke	100	1	100
08654	OTG, Clear	100	1	100

†† Available in U.S. only



Amber

Clear

Smoke

OTG, Clear

V20

Comfort Eye Protection



Features

- Impact resistant
- Wraparound lens for better eye coverage
- 99.9% UVA/UVB protection
- Comfortable, padded temples

Code	Color	Pairs/Box	Boxes/Case	Pairs/Case
08655	Amber	100	1	100
08656	Clear	100	1	100
08657	Smoke	100	1	100
08658	Clear, Anti-Fog	100	1	100
08659	Indoor/Outdoor	100	1	100



Amber

Clear

Smoke

Clear, Anti-Fog

Indoor/Outdoor

V30

Flexible Eye Protection



Features

- Impact resistant
- Wraparound lens for better eye coverage
- 99.9% UVA/UVB protection
- Comfortable, padded nose bridge
- Special flexible temples for added comfort
- Adjustable lens angle

Code	Color	Pairs/Box	Boxes/Case	Pairs/Case
08146	Amber	12	24	288
08147	Clear	12	24	288
08148	Smoke	12	24	288
08149	Indoor/Outdoor	12	24	288
08150	Clear, Anti-Fog	12	24	288



Amber

Clear

Smoke

Indoor/Outdoor

Clear, Anti-Fog

V40

Contour Eye Protection



Features

- Impact resistant
- Wraparound lens for better eye coverage
- 99.9% UVA/UVB protection
- Soft, adjustable nose bridge
- Comfortable, dual-molded rubber temples
- Cushioned brow bar for additional comfort
- Special flexible temples for added comfort

Code	Color	Pairs/Box	Boxes/Case	Pairs/Case
08152	Amber	12	24	288
08153	Clear	12	24	288
08154	Smoke	12	24	288
08155	Silver Mirror	12	24	288
08156	Clear, Anti-Fog	12	24	288
08157	Indoor/Outdoor	12	24	288



Amber

Clear

Smoke

Silver Mirror

Clear, Anti-Fog

Indoor/Outdoor

All styles except V10 available in:



Meets the ANSI Z87.1+ and CSA Z94.3 standards

V50

Contour Eye Protection with Foam Fog & Particle Shield

KLEENGUARD* V50 Contour Eye Protection with Foam Fog and Particle Shield features an integrated fog and particle shield that reduces fogging by 50% over traditional safety glasses. It also offers particulate protection and advanced comfort features, such as a cushioned brow bar and protection around the entire eye.

- Cushioned brow bar provides added comfort and ventilation
- Foam fog and particle shield provides better protection around the eyes over traditional safety glasses
- Hardcoat lenses
- Anti-fog coating



Adjustable lens angle to suit individual preference

Features

- Impact resistant
- Wraparound lens for better eye coverage
- 99.9% UVA/UVB protection
- Integrated fog shield reduces fogging by 50% when worn with industrial respirator
- Scratch-resistant coating enhances longevity
- Specially designed temples for added comfort



KLEENGUARD* V50 Contour Eye Protection with Foam Fog and Particle Shield

Code	Color	Pairs/Box	Boxes/Case	Pairs/Case
08660	Amber, Anti-Fog	12	1	12
08661	Clear, Anti-Fog	12	1	12
08662	Smoke, Anti-Fog	12	1	12



Amber, Anti-Fog



Clear, Anti-Fog



Smoke, Anti-Fog

Available in:



Meets the ANSI Z87.1+
and CSA Z94.3 standards

KLEENGUARD^{*} Brand Particulate Respirators

Comfort for all-day compliance. Color coded for easy selection.

NEW!

M30	N99 Particulate Respirator
M20	R95 & P95 Particulate Respirator
M10	N95 Particulate Respirator



KLEENGUARD^{*} Particulate Respirators deliver the protection you expect and the comfort you need for all-day wear.

Introducing Color-Coded Respiratory Protection

This simple chart helps you select the right respiratory protection for you.

KLEENGUARD [*] Brand Particulate Respirators									
	Code	Protection Level				Color Code			Valve
		N95	R95	P95	N99	Blue	Yellow	Red	
NEW!	M10	64260	X				X		Dual
	M10	64230	X				X		
	M10	64240	X				X		Single
	M20	64410		X			X		Single
	M20	64420			X		X		Single
	M30	64520				X		X	Single

Particulate Respirator Filter Definitions – NIOSH 42CFR84:

N95	95% filter efficiency level effective against particulate aerosols free of oil
N99	99% filter efficiency level effective against particulate aerosols free of oil
R95†	95% filter efficiency level effective against all particulate aerosols for up to 8 hours of use
P95	95% filter efficiency level effective against all particulate aerosols

Note: The service life of all filters is limited by considerations of hygiene, damage, and breathing resistance. All filters should be replaced whenever they are damaged, soiled, or causing noticeably increased breathing resistance.

† "R" not used more than 8 hours or 1 shift

M10

N95 Particulate Respirator with Comfort Straps & Dual Valves

Breathe easy

Introducing an innovative respirator that is designed for comfort, protection, and style.

The KLEENGUARD* M10 Particulate Respirator with Comfort Straps and Dual Valves represents a major advancement in protective comfort. It features an innovative, new head strap design that's preferred over the head straps of leading N95 valved respirators.

Features

- Traditional cup-shaped with bendable nose clip
- Two exhalation valves
- Wide, soft head straps
- Adjustable head straps
- Soft, comfortable nose foam pad with a cloth layer for comfort
- Color-coded blue for easy distinction of performance level
- Latex-free
- NIOSH N95 approved†

Typical Uses

- Grinding
- Sanding
- Sweeping
- Woodworking
- Agriculture

NEW!



Comfort Strap preferred by more than 85% of users over Moldex 2300 & 3M 8511

KLEENGUARD* M10 Particulate Respirator (Blue)

Code	Protection	Valve	Case Count
64260	N95†	Dual	10/box • 8 boxes/case

† See Particulate Respirator Filter Definitions – NIOSH 42CFR84 on page 11



See the difference comfort makes.
View our Donning Video
www.kc-safety.com/donvideo

M10 N95 Particulate Respirator

KLEENGUARD* Particulate Respirators deliver the protection you expect and the comfort you need for all-day wear. Durable, woven elastic ultrasonically bonded head straps help keep the respirators securely in place without pulling or breaking. Take a look at the KLEENGUARD* Particulate Respirators over the next few pages and use the chart on page 11 to help you select the right respirator to suit your needs.

Features

- Traditional cup-shaped with bendable nose clip
- Color-coded blue for performance level
- Soft foam nose seal made of water repellent material
- Knitted elastic head straps
- Ultrasonically bonded head straps
- Latex-free
- NIOSH N95† approved

Typical Uses

- Grinding
- Sanding
- Sweeping
- Woodworking
- Agriculture



Also available with exhalation valve – enhanced comfort through heat and moisture reduction

KLEENGUARD* M10 Particulate Respirator (Blue)

Code	Protection	Valve	Case Count	Strap Color
64230	N95†	None	20/box • 8 boxes/case	Blue
64240	N95†	Single	10/box • 8 boxes/case	Blue

† See Particulate Respirator Filter Definitions – NIOSH 42CFR84 on page 11

M20

R95 & P95 Particulate Respirators



Protection against dry and oily particulates or aerosols

M30

N99 Particulate Respirator



Full perimeter foam inside the mask

Adjustable straps

Features

- Traditional cup-shaped with bendable nose clip
- Soft foam nose seal made of water repellent material
- Exhalation valve
- Knitted elastic head straps
- Ultrasonically bonded head straps
- Latex-free

M20 R95 & P95 Particulate Respirators

- Color-coded yellow for performance level
- NIOSH R95[†] approved. Recommended for up to 8 hours of use
- NIOSH P95[†] approved. Recommended for more than 8 hours of use
- **Typical Uses:** Machining, grinding, woodworking

M30 N99 Particulate Respirator

- Color-coded red for performance level
- Adjustable head straps
- Full perimeter foam
- NIOSH N99[†] approved
- **Typical Uses:** Quarrying, construction, engineering, ship building/repair

KLEENGUARD* M20 Particulate Respirator (Yellow)

Code	Protection	Valve	Case Count	Strap Color
64410	R95 [†]	Single	10/box • 8 boxes/case	Yellow
64420	P95 [†]	Single	10/box • 8 boxes/case	Yellow

[†] See Particulate Respirator Filter Definitions – NIOSH 42CFR84 on page 11

KLEENGUARD* M30 Particulate Respirator (Red)

Code	Protection	Valve	Case Count	Strap Color
64520	N99 [†]	Single	10/box • 8 boxes/case	Red

[†] See Particulate Respirator Filter Definitions – NIOSH 42CFR84 on page 11

KLEENGUARD^{*} Brand Gloves

A glove for every hand. A glove for every application.

G80	Chemical Resistant Gloves
G60	Cut Resistant Gloves
G50	Mechanics Gloves
G40	Coated Gloves
G10	Thin Mil Gloves



See how our gloves can work for you.

Product Features

Product Applications

KLEENGUARD [*] Brand Gloves	Product Features							Product Applications									
	Tactile Sensitivity	Excellent Grip/ Dexterity	Latex-Free	Powder-Free	Light Duty Protection	Food Handling	Cut Resistance (EN 388)	Abrasion Resistance (EN 388)	Small Parts Handling	Warehousing/ Shipping/Receiving	Janitorial/ General Maintenance	Framing/Finishing	IWAC/ Equipment Handling	Masonry/Cement	Metal/Glass Handling	Automotive/Aircraft Assembly	Chemical Plants/ Processing
NEW! G10 Arctic Blue Nitrile	X	X	X	X	X			X									
G10 Grey Nitrile	X	X	X	X	X			X									
G10 Blue Nitrile	X	X	X	X	X			X									
G40 Polyurethane Coated	X	X	X	X		1	3	X	X	X	X						
G40 PURPLE NITRILE* Foam Coated		X	X	X		1	4	X	X	X		X				X	
G40 Latex [†] Coated		X		X		2	2		X	X			X	X			
G50 Mechanics Contractor	X	X	X	X		1	2	X	X		X					X	
G50 Mechanics Utility		X	X	X		1	2		X	X		X					
G50 Mechanics with Palm and Finger Protection		X	X	X		1	2		X	X			X				
NEW! G60 Level 2 Nitrile Coated Cut Resistant		X	X	X		2	3	X				X		X	X		
G60 PURPLE NITRILE* Cut Resistant		X	X	X		3	4	X				X		X	X		
G80 PURPLE NITRILE* Chemical Resistant		X	X	X	X	1	4			X					X	X	

† CAUTION: This Product Contains Natural Rubber Latex Which May Cause Allergic Reactions.

NEW!

If you've always thought latex gloves were your only affordable option, think again. Our NEW KLEENGUARD* G10 Arctic Blue Nitrile Gloves offer you the protection, performance and comfort of nitrile at an affordable everyday latex price.

- Outstanding comfort and ease of movement
- Excellent tactile sensitivity
- Natural rubber latex-free, reducing the risk of Type-I allergic reactions
- Powder-free to minimize the drying effects of powder on skin
- Food handling certified in North America & Europe
- 100% more gloves per case for a 55% reduction in packaging waste & a 50% increase in storage space†



Typical Uses

- Electronic assembly
- Electrical contracting
- Painting
- Manufacturing
- Aluminum die casting
- Automotive
- Food handling

KLEENGUARD* G10 Arctic Blue Nitrile Gloves

Code	Color	Size	Case Count
90095	Arctic Blue	XS	200/box • 10 boxes/case • 2,000 gloves/case
90096	Arctic Blue	S	200/box • 10 boxes/case • 2,000 gloves/case
90097	Arctic Blue	M	200/box • 10 boxes/case • 2,000 gloves/case
90098	Arctic Blue	L	200/box • 10 boxes/case • 2,000 gloves/case
90099	Arctic Blue	XL	180/box • 10 boxes/case • 1,800 gloves/case



† Versus KLEENGUARD* G10 Latex Gloves

G10

Thin Mil Gloves

Grey Nitrile Gloves

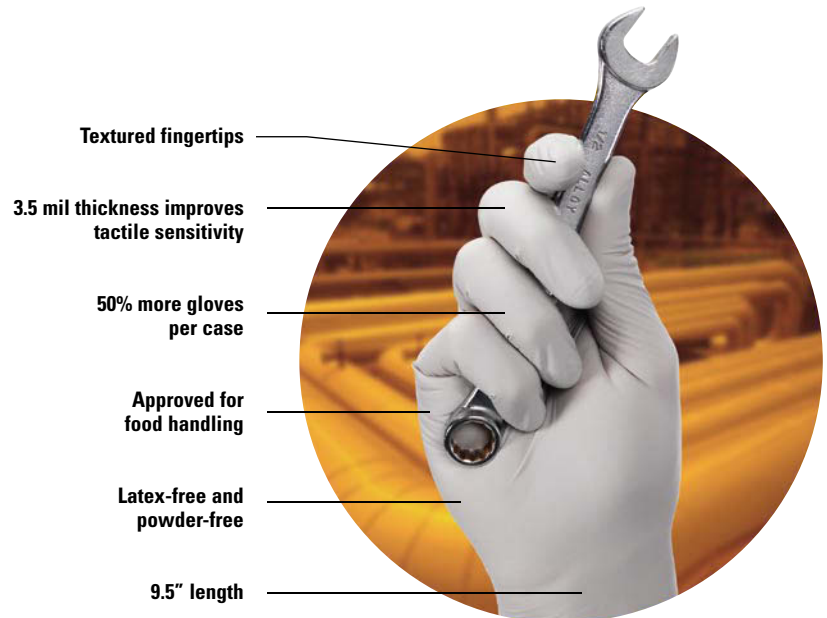
Designed for tasks requiring maximum dexterity, these latex-free industrial grade, nitrile gloves provide tactile sensitivity and a comfortable, latex-like feel without natural rubber latex. Comfortable, strong and environmentally friendly – you get 50% more gloves per case – resulting in less packaging waste and added space savings.

Typical Uses

- Small parts handling
- Electronics assembly
- Precision assembly



Recipient of the 2008 Frost & Sullivan Award for Product Innovation.

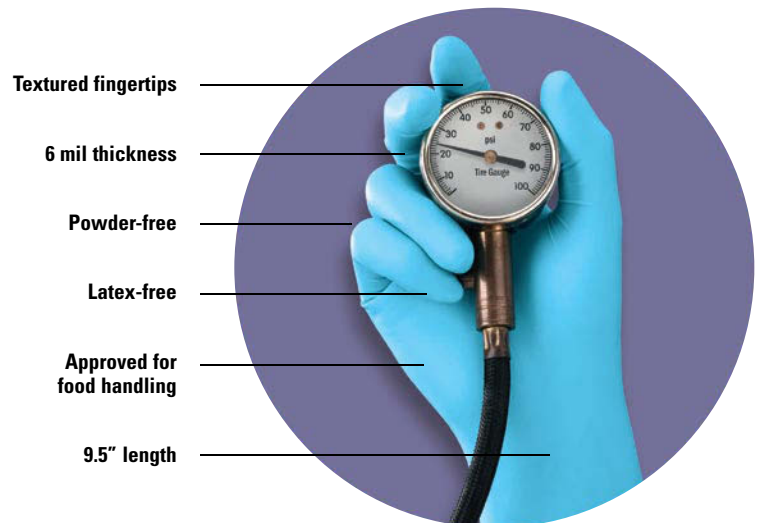


Blue Nitrile Gloves

Designed for tasks requiring maximum dexterity without sacrificing the protection you expect from a latex-free glove.

Typical Uses

- Food handling
- General-purpose use



KLEENGUARD* G10 Grey Nitrile Gloves			
Code	Color	Size	Case Count
97820	Grey	XS	150/box • 10 boxes/case
97821	Grey	S	150/box • 10 boxes/case
97822	Grey	M	150/box • 10 boxes/case
97823	Grey	L	150/box • 10 boxes/case
97824	Grey	XL	140/box • 10 boxes/case

KLEENGUARD* G10 Blue Nitrile Gloves			
Code	Color	Size	Case Count
57370	Blue	XS	100 gloves/pack • 10 packs per case
57371	Blue	S	100 gloves/pack • 10 packs per case
57372	Blue	M	100 gloves/pack • 10 packs per case
57373	Blue	L	100 gloves/pack • 10 packs per case
57374	Blue	XL	90 gloves/pack • 10 packs per case

G40**PURPLE NITRILE*
Foam Coated Gloves**

These innovative PURPLE NITRILE* gloves deliver 25% better productivity versus leather for general-purpose industrial use. A seamless knit nylon liner coated with nitrile provides the highest abrasion resistance rating under EN388. The gloves feature outstanding dexterity and great grip.

Typical Uses

- General assembly
- Materials handling
- Warehousing/shipping/delivery
- General maintenance

KLEENGUARD* G40 PURPLE NITRILE* Foam Coated Gloves

Code	Color	Size	Case Count
40225	Purple & Black	7 (S)	5 bags • 12 pairs/bag
40226	Purple & Black	8 (M)	5 bags • 12 pairs/bag
40227	Purple & Black	9 (L)	5 bags • 12 pairs/bag
40228	Purple & Black	10 (XL)	5 bags • 12 pairs/bag
40229	Purple & Black	11 (XXL)	5 bags • 12 pairs/bag

G40**Latex† Coated Gloves**

Designed for excellent durability in the industrial work environment, these general-purpose poly-cotton latex† coated gloves are processed to yield lower latex proteins. An excellent value, they offer good grip as well as great comfort and dexterity. Great for masonry applications.

Typical Uses

- Masonry
- General maintenance
- Materials handling
- Warehousing/shipping/delivery

KLEENGUARD* G40 Latex† Coated Gloves

Code	Color	Size	Case Count
97270	Grey & Black	7 (S)	5 bags • 12 pairs/bag
97271	Grey & Black	8 (M)	5 bags • 12 pairs/bag
97272	Grey & Black	9 (L)	5 bags • 12 pairs/bag
97273	Grey & Black	10 (XL)	5 bags • 12 pairs/bag
97274	Grey & Black	11 (XXL)	5 bags • 12 pairs/bag

† CAUTION: This Product Contains Natural Rubber Latex Which May Cause Allergic Reactions.

G40

Polyurethane Coated Gloves

This value option has the feel of a thinner glove for superior tactile sensitivity with the added protection of a polyurethane coating. Abrasion and tear resistant, it's an affordable choice for light assembly and other applications where dexterity and extra protection are key.



Excellent dexterity and grip

Hides dirt for longer wear

Thin-mil feel for tactile sensitivity

Abrasion and tear resistant

Typical Uses

- Precision assembly
- Electronics assembly
- Controls handling
- Packaging and inspection

KLEENGUARD* G40 Polyurethane Coated Gloves			
Code	Color	Size	Case Count
98220	Black	7 (S)	5 bags • 12 pairs/bag
98221	Black	8 (M)	5 bags • 12 pairs/bag
98222	Black	9 (L)	5 bags • 12 pairs/bag
98223	Black	10 (XL)	5 bags • 12 pairs/bag
98224	Black	11 (XXL)	5 bags • 12 pairs/bag

G50

Mechanics Contractor Gloves



G50

Mechanics Utility Gloves



For hands that work with rough materials and equipment, we offer a variety of stylish and comfortable mechanics gloves designed for industrial use.

Features

- Less bulky and more breathable than leather for improved comfort
- Reinforced knuckle area for added protection
- Wide hook and loop closure for a more secure fit
- Breathable material between fingers for greater comfort
- Stylish design drives compliance

G50 Mechanics Contractor Gloves

- Three open fingertips for maximum dexterity
- **Typical Uses:** Small parts handling and assembly, framing and finishing, warehousing

KLEENGUARD* G50 Mechanics Contractor Gloves			
Code	Color	Size	Case Count
90256	Grey/Blue/Black	7 (S)	1 pair pack / 12 pairs per case
90257	Grey/Blue/Black	8 (M)	1 pair pack / 12 pairs per case
90258	Grey/Blue/Black	9 (L)	1 pair pack / 12 pairs per case
90259	Grey/Blue/Black	10 (XL)	1 pair pack / 12 pairs per case
90260	Grey/Blue/Black	11 (XXL)	1 pair pack / 12 pairs per case

G50 Mechanics Utility Gloves

- Full finger coverage for added protection
- **Typical Uses:** General and building maintenance, HVAC/equipment operating, automotive repair

KLEENGUARD* G50 Mechanics Utility Gloves			
Code	Color	Size	Case Count
90261	Grey/Blue/Black	7 (S)	1 pair pack / 12 pairs per case
90262	Grey/Blue/Black	8 (M)	1 pair pack / 12 pairs per case
90263	Grey/Blue/Black	9 (L)	1 pair pack / 12 pairs per case
90264	Grey/Blue/Black	10 (XL)	1 pair pack / 12 pairs per case
90265	Grey/Blue/Black	11 (XXL)	1 pair pack / 12 pairs per case

G50

Mechanics with Palm & Finger Protection Gloves

For hands that work with rough materials and equipment, this mechanics-style glove offers extra protection and padding in the palm, fingertip and knuckle areas, providing enhanced impact protection and comfort at a reasonable price.

Features

- Less bulky and more breathable than leather for improved comfort
- Reinforced knuckle area for added protection
- Wide hook and loop closure for a more secure fit
- Breathable material between fingers for greater comfort
- Stylish design drives compliance
- Padded palm provides excellent impact protection



Typical Uses

- Masonry
- Forging
- Stamping
- Injection molding

KLEENGUARD* G50 Mechanics with Palm and Finger Protection Gloves

Code	Color	Size	Case Count
90266	Grey/Blue/Black	7 (S)	1 pair pack / 12 pairs per case
90267	Grey/Blue/Black	8 (M)	1 pair pack / 12 pairs per case
90268	Grey/Blue/Black	9 (L)	1 pair pack / 12 pairs per case
90269	Grey/Blue/Black	10 (XL)	1 pair pack / 12 pairs per case
90270	Grey/Blue/Black	11 (XXL)	1 pair pack / 12 pairs per case



NEW!



Add cut resistance to your workers' gloves without significantly adding to your costs with our **NEW** KLEENGUARD* G60 Level 2 Nitrile Coated Cut Resistant Gloves. They're a great choice for working environments that pose a risk of minor cuts and abrasions.

- ANSI/EN 388 Level 2 cut resistance
- Stretch Kevlar® liner provides a comfortable fit
- Actifresh® antimicrobial treatment inhibits bacteria growth, thereby extending wear and improving cost-in-use
- Excellent dexterity for improved productivity
- Nitrile coating enhances grip in light oil applications
- Dark coating hides dirt for longer wear
- Suitable for intermittent heat contact up to 212°F†

Typical Uses

- Metal fabrication
- HVAC/ Equipment handling
- Automotive and aerospace assembly
- Stamping and assembly

KLEENGUARD* G60 Level 2 Nitrile Coated Cut Resistant Gloves

Code	Color	Size	Case Count
98230	Blue & Yellow	7 (S)	12 pairs/bag • 5 bags/case
98231	Blue & Yellow	8 (M)	12 pairs/bag • 5 bags/case
98232	Blue & Yellow	9 (L)	12 pairs/bag • 5 bags/case
98233	Blue & Yellow	10 (XL)	12 pairs/bag • 5 bags/case
98234	Blue & Yellow	11 (XXL)	12 pairs/bag • 5 bags/case

CAUTION: This Product Contains Natural Rubber Latex Which May Cause Allergic Reactions.

† The glove must not come into contact with a naked flame.

G60**PURPLE NITRILE*
Cut Resistant Gloves**

For industrial employees who need protection against hand cuts, KLEENGUARD* G60 PURPLE NITRILE* Cut Resistant Gloves provide a high level of cut resistance, while enhancing dexterity, grip and comfort. The gloves are ambidextrous and breathable with a flexible dotted palm for better grip.

Features

- Dyneema® provides superior cut protection and abrasion resistance
- Seamless knit construction for breathability and comfort
- Exclusive coated tips for better grip and enhanced protection
- Dots on palm enhance grip without sacrificing dexterity

Typical Uses

- Metal fabrication
- Glass handling
- Ceramics
- Automotive assembly

**KLEENGUARD* G60 PURPLE NITRILE* Cut Resistant Gloves**

Code	Color	Size	Case Count
97430	White & Black	7 (S)	1 pair pack / 12 pairs per case
97431	White & Black	8 (M)	1 pair pack / 12 pairs per case
97432	White & Black	9 (L)	1 pair pack / 12 pairs per case
97433	White & Black	10 (XL)	1 pair pack / 12 pairs per case
97434	White & Black	11 (XXL)	1 pair pack / 12 pairs per case

G80**PURPLE NITRILE***
Chemical Resistant Gloves

KLEENGUARD* G80 PURPLE NITRILE* Chemical Resistant Gloves are the right choice for protecting hands against **fuels, solvents, and grease**. Our distinctive PURPLE NITRILE* gloves provide strength and durability, while offering excellent resistance against snags and abrasion. They are engineered for superior fit and provide excellent dexterity.

Typical Uses

- Chemical processing
- Automotive assembly and painting
- Janitorial
- Fabrication

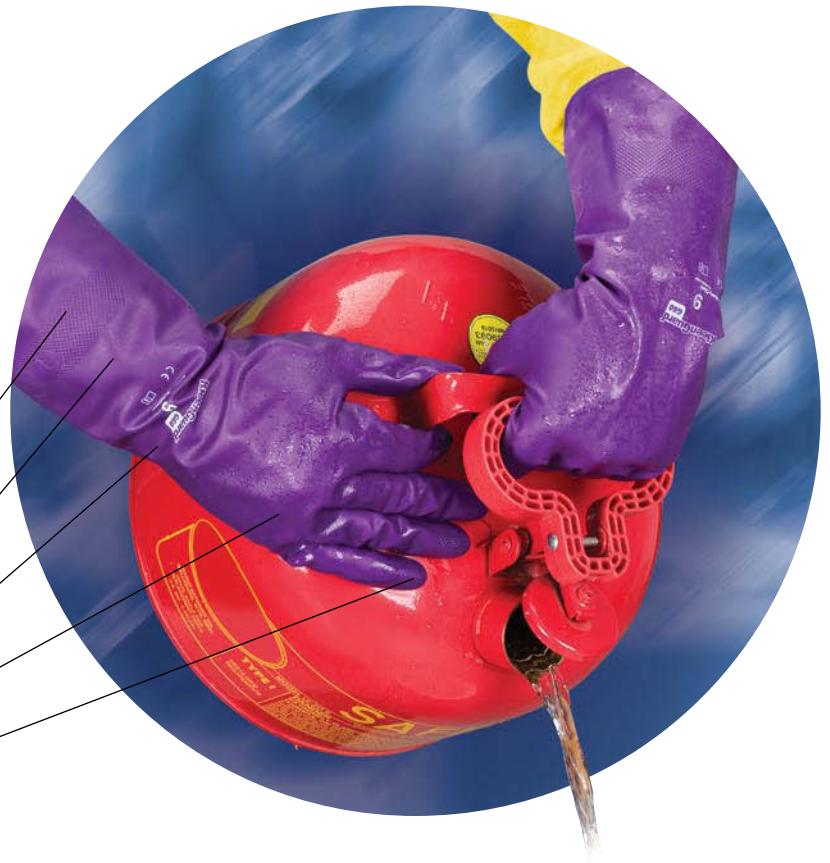
**Cotton flock lined
for added comfort**

13" length

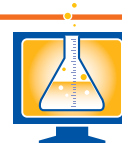
15 mil thickness

Hand-specific

Textured fingertips

**KLEENGUARD* G80 PURPLE NITRILE* Chemical Resistant Gloves**

Code	Color	Size	Case Count
97315	Purple	7 (S)	1 pair pack / 144 pairs per case
97316	Purple	8 (M)	1 pair pack / 144 pairs per case
97317	Purple	9 (L)	1 pair pack / 144 pairs per case
97318	Purple	10 (XL)	1 pair pack / 144 pairs per case
97319	Purple	11 (XXL)	1 pair pack / 144 pairs per case



See our interactive chemical guide to determine which product is right for you.

www.kc-safety.com/chemicalbarrierdata

KLEENGUARD^{*} Brand Apparel

Protection, comfort and style designed around you.

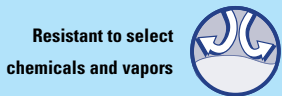
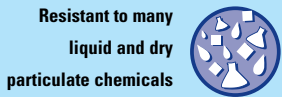
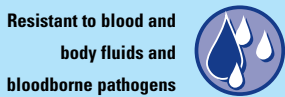
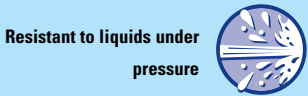
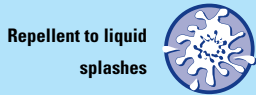
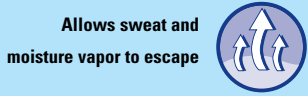


A80	Chemical Permeation & Jet Liquid Protection Apparel
A70	Chemical Spray Protection Apparel
A65	Flame Resistant Apparel
A60	Bloodborne Pathogen & Chemical Splash Protection Apparel
A40	Liquid & Particle Protection Apparel
A30	Breathable Splash & Particle Protection Apparel
A20	Breathable Particle Protection Apparel
A10	Light Duty Apparel

Introducing Simple Product Selection...



Symbol Key



Look for these symbols to help you select the Protective Apparel that meets your specific needs.

Our Quality Shows In Every Format. . .



Zipper front, no elastic



Zipper front, elastic back, wrists & ankles

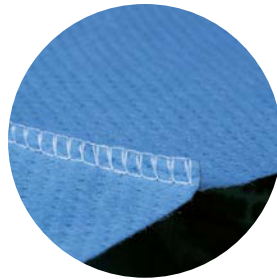


Zipper front, elastic back, wrists, ankles & hood

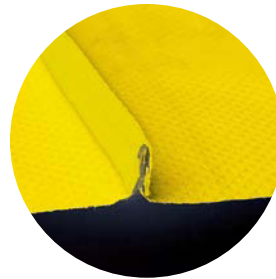


Zipper front, elastic back, wrists, ankles, hood & boots

And In Every Seam.



A SERGED SEAM is a basic stitched seam that's appropriate for exposure to non-hazardous substances. Overlap stitching provides strength and durability.



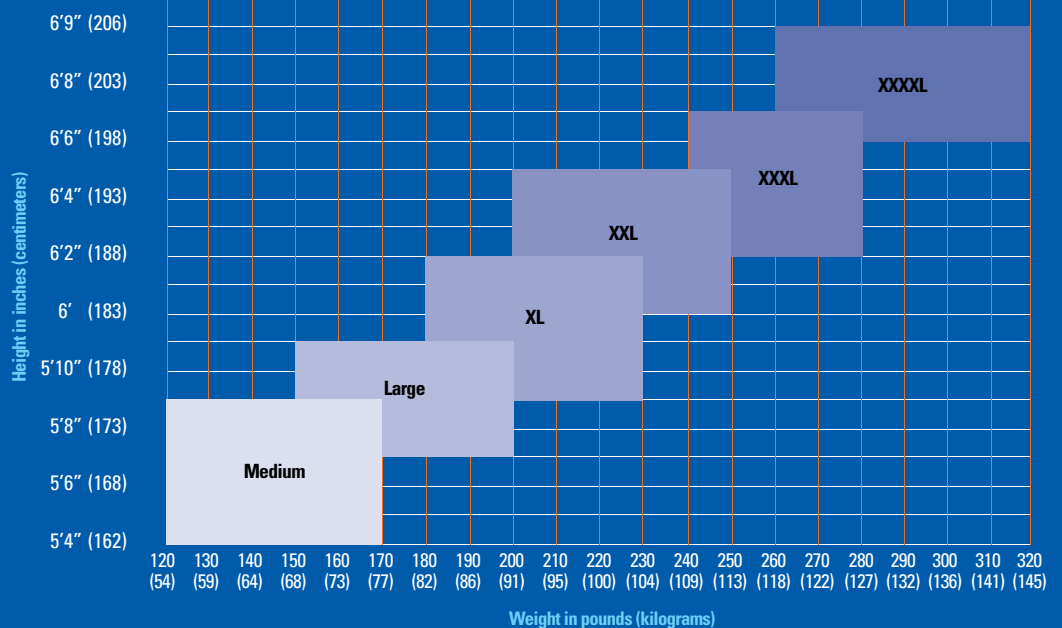
A BOUND SEAM is a serged seam that's reinforced with binding for strength and tear resistance.



A TAPED SEAM is serged, then reinforced with a film tape that's resistant to water and many liquid chemicals.

If your application requires a chemical resistant taped seam, you should ensure that the tape offers appropriate resistance to the chemical involved.

Sizing Chart for REFLEX* Design Garments



A10

Light Duty Apparel

Typical Uses

- Food processing
- General maintenance
- Manufacturing



Lightweight polypropylene material provides great comfort

Meets ANSI/ISEA 101-1996 sizing standards

Coveralls - White - SMS

Zipper front and elastic wrists

Code	Size	Case Count
10468	L	25
10636	XL	25
10616	XXL	25
10625	XXXL	25
10621	XXXXL	25

Zipper front, elastic wrists, attached hood & boots

Code	Size	Case Count
10606	L	25
10608	XL	25
10631	XXL	25
10610	XXXL	25
10615	XXXXL	25

Accessories - Spunbond



Apron

43744^{1,2} 28" x 36" 100

1 Polyethylene coated 2 Case poly liner bag



Lab Coat - Elastic wrists, no pocket

40103 L 50

40104 XL 50

40105 XXL 50

40106 XXXL 50



Beard Covers

66815 Universal 1000

66816 XL 1000



Bouffant Caps - M (21") - Latex Free

36900 600 ea/cs Dispenser pack

36850 1000 ea/cs 10 packs/100



Bouffant Caps - L (24") - Latex Free

36920 450 ea/cs Dispenser pack

36860 1000 ea/cs 10 packs/100



Shoe Covers - Fully elasticized

36811 300 ea/cs Blue low skid



Shoe Covers - Blue - Fully elasticized, with traction

27222 XL 1 bag of 300



Sleeve Protector - White

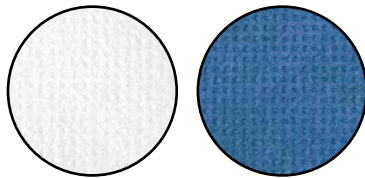
23610 200 ea/cs



Typical Uses

- Laboratories
- Remediation
- Decontamination modesty garment
- Pesticides
- Heavy dust environments

(KLEENGUARD A20 Coveralls meet the criteria for pesticide application for California's Department of Pesticide Regulation, a division of the state EPA.)*



Available in White and Blue Denim

Seamless front to provide more protection in the primary exposure areas

Zipper flap

Patented REFLEX* Design is 7-1/2 times less likely to rip out than ANSI minimums – provides 12% more chest room and 6% longer body length

Breathable, patented MICROFORCE* Barrier SMS Fabric

NFPA 99 Compliant Antistatic Material



White Coveralls

Zipper front

Code	Size	Case Count
49002	M	24
49003	L	24
49004	XL	24
49005	XXL	24
49006	XXXL	20
49007	XXXXL	20

Zipper front, elastic back, wrists & ankles

Code	Size	Case Count
49102	M	24
49103	L	24
49104	XL	24
49105	XXL	24
49106	XXXL	20
49107	XXXXL	20

Zipper front, elastic back, wrists, ankles & hood

Code	Size	Case Count
49112	M	24
49113	L	24
49114	XL	24
49115	XXL	24
49116	XXXL	20
49117	XXXXL	20

Zipper front, elastic back, wrists, ankles, hood & boots

Code	Size	Case Count
49122	M	24
49123	L	24
49124	XL	24
49125	XXL	24
49126	XXXL	20
49127	XXXXL	20

Blue Denim Coveralls

Zipper front

Code	Size	Case Count
58532	M	24
58533	L	24
58534	XL	24
58535	XXL	24
58536	XXXL	20
58537	XXXXL	20

Zipper front, elastic back, wrists & ankles

Code	Size	Case Count
58502	M	24
58503	L	24
58504	XL	24
58505	XXL	24
58506	XXXL	20
58507	XXXXL	20

Zipper front, elastic back, wrists, ankles & hood

Code	Size	Case Count
58512	M	24
58513	L	24
58514	XL	24
58515	XXL	24
58516	XXXL	20
58517	XXXXL	20

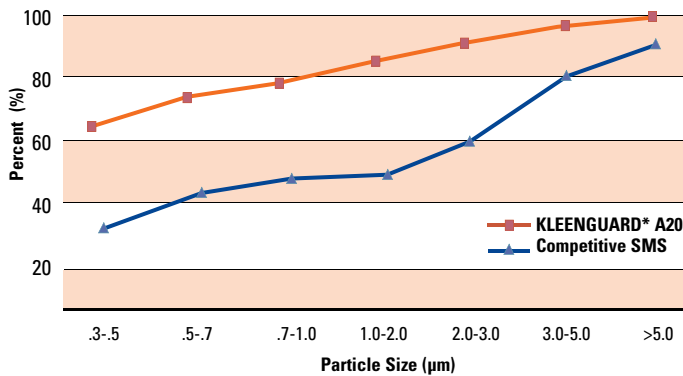
Zipper front, elastic back, wrists, ankles, hood & boots

Code	Size	Case Count
58522	M	24
58523	L	24
58524	XL	24
58525	XXL	24
58526	XXXL	20
58527	XXXXL	20

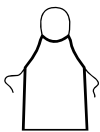
KLEENGUARD* A20 Apparel Fabric Properties

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	26.4 lbs
(CD)		17.2 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	9.2 lbs
(CD)		4.8 lbs
Elongation (MD)	ASTM D5034	45%
(CD)		56.7%
Mullen Burst	ISO 13338-1	36.4 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	72.8 cm
Comfort Properties	Test Method	Results
Air Permeability	ASTM D737	41.8 cfm
Moisture Vapor Transport Rate	ASTM E96	4639 g/m ² /24 hr

Superior Particle Holdout



Accessories



Apron - 10 packs of 10

36550	White	28" x 40"	100/cs
36260	Denim - blue w/pockets	28" x 40"	100/cs

Polyethylene Apron - Dispenser Carton

43745	White	28" x 46"	5 pks/100ea
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Lab Coat - Snap front, chest & hip pocket, white

10019	M	25/cs
10029	L	25/cs
10039	XL	25/cs
40049	XXL	25/cs



Frock/Professional Jacket - Snap front, long length, elastic wrist, snap at collar, white

36262	M	30/cs
36263	L	30/cs
36264	XL	30/cs
36265	XXL	30/cs



Shirt - 5 snap front

36212	M	50/cs
36213	L	50/cs
36214	XL	50/cs
36215	XXL	50/cs



Pants - Elastic waist

36222	M	50/cs
36223	L	50/cs
36224	XL	50/cs
36225	XXL	50/cs



Smock - elastic wrists, no pockets

36150	Universal	60/cs
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Hood - Elastic face opening

36890	100 ea/cs
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Sleeve Protector - White

36870	200 ea/cs
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Boot Covers - Elastic top, white

36880	300 ea/cs
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Shoe Covers - Fully elasticized, white

36885	300 ea/cs
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Cleanroom Packaging (double bag)



Shoe Covers - Blue - Fully elasticized, with traction

69252	M/L	3 bags of 100
69254	XL/XXL	3 bags of 80

Shoe Covers - Blue - Fully elasticized

66857	XL/XXL	3 bags of 100
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Bouffant Caps - Rayon - Latex Free

66829	24"	5 bags of 100
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Typical Uses

- Pharmaceutical research
- Dry particle contamination
- Aerospace
- Maintenance/General manufacturing

Seamless front provides more protection in primary exposure areas

Patented REFLEX* Design is 7-1/2 times less likely to rip out than ANSI minimums – provides 12% more chest room and 6% longer body length

NFPA 99 Compliant Antistatic Material

25 times more breathable with comparable particle holdout to Tyvek®

Heavier & more durable than KLEENGUARD* A20 Coveralls



Strong and abrasion resistant

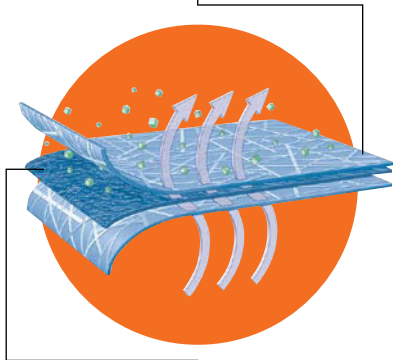
Zipper flap

Elastic back

Breathable, patented MICROFORCE* Barrier SMS Fabric

KLEENGUARD* Apparel MICROFORCE* Barrier SMS Fabric

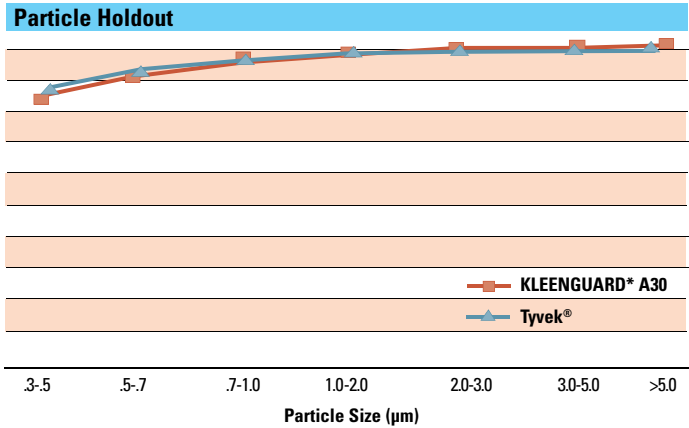
Outer Layers – Cloth-like, yet tough and abrasion-resistant spunbond polypropylene



Middle Layers – Intricate web of micro-fibers that filter out many water-based liquids and dry particulates



KLEENGUARD* A30 Apparel Fabric Properties		
Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	29.7 lbs
(CD)		20.8 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	9.9 lbs
(CD)		6.9 lbs
Elongation (MD)	ASTM D5034	41%
(CD)		53%
Mullen Burst	ISO 13938-1	42.5 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	88.2 cm
Particle Holdout (1.0-2.0 microns)	Independent Lab	96.7%
Comfort Properties	Test Method	Results
Air Permeability	ASTM D737	29.5 cfm
Moisture Vapor Transport Rate	ASTM E96	4506 g/m ² /24 hr



Coveralls					
Zipper front with 1" flap & elastic back			Zipper front with 1" flap, elastic back, wrists & ankles		
Code	Size	Case Count	Code	Size	Case Count
46002	M	25	46102	M	25
46003	L	25	46103	L	25
46004	XL	25	46104	XL	25
46005	XXL	25	46105	XXL	25
46006	XXXL	21	46106	XXXL	21
46007	XXXXL	21	46107	XXXXL	21
Zipper front with 1" flap, elastic back, wrists, ankles & hood			Zipper front with 1" flap, elastic back, wrists, ankles, hood & boots		
Code	Size	Case Count	Code	Size	Case Count
46112	M	25	46122	M	25
46113	L	25	46123	L	25
46114	XL	25	46124	XL	25
46115	XXL	25	46125	XXL	25
46116	XXXL	21	46126	XXXL	21
46117	XXXXL	21	46127	XXXXL	21

DID YOU KNOW?

The total cost of accidental death and injury in the workplace topped \$150 billion in 2003. That averages over \$1000 per worker.

Source:
National Safety Council



A30

Breathable Splash & Particle Protection Stretch Coveralls



This innovative performance coverall combines outstanding particulate protection with next-generation comfort features to create an undeniable advantage in comfortable protection.

Typical Uses

- Pharmaceutical research
- Fine dry particle contamination
- Aerospace
- Maintenance/General manufacturing

DID YOU KNOW?

The KLEENGUARD* A30 Stretch Coverall with iFLEX* Technology is preferred 95% for fit and 94% for comfort by end-users over the DuPont™ Tyvek® Comfort Fit design.

Source: Clinical Research Services



Product	Patented REFLEX* Design	12% more chest room	6% longer body length	Anti-stat	iFLEX* Technology	30% more forward reach	Breathable
KLEENGUARD* A30 w/ iFLEX* Technology	X	X	X	X	X	X†	X
KLEENGUARD* A30 Heritage	X	X	X	X			X
DuPont™ Tyvek® Comfort Fit							

† Only compared to DuPont™ Tyvek® Comfort Fit

Coveralls

Zipper front with 1" flap, elastic back & front, wrists & ankles

Code	Size	Case Count
46132	M	25
46133	L	25
46134	XL	25
46135	XXL	25
46136	XXXL	21
46137	XXXXL	21

Zipper front with 1" flap, elastic back & front, wrists, ankles & hood

Code	Size	Case Count
46142	M	25
46143	L	25
46144	XL	25
46145	XXL	25
46146	XXXL	21
46147	XXXXL	21

Zipper front with 1" flap, elastic back & front, wrists, ankles, hood & boots

Code	Size	Case Count
46172	M	25
46173	L	25
46174	XL	25
46175	XXL	25
46176	XXXL	21
46177	XXXXL	21

Patented REFLEX* Design
is 7-1/2 times less likely to
rip out than ANSI minimums –
provides 12% more chest
room and 6% longer
body length

Strong and
abrasion-resistant

Features patent-pending
iFLEX* Technology which
builds in freedom of
movement

Elastic front

Elastic back

NFPA 99 Compliant
Antistatic Material

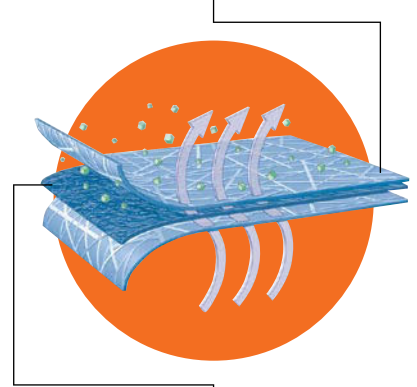
Breathable, patented
MICROFORCE* Barrier
SMS Fabric

25 times more
breathable with
comparable particle
holdout to Tyvek®

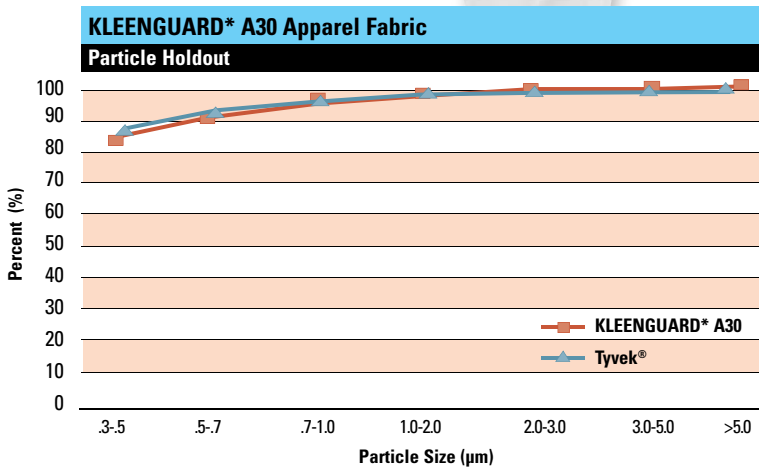
Heavier & more durable
than KLEENGUARD*
A20 Coveralls

**KLEENGUARD* Apparel MICROFORCE*
Barrier SMS Fabric**

Outer Layers – Cloth-like, yet tough
and abrasion-resistant spunbond
polypropylene



Middle Layers – Intricate web of
microfibers that filter out many water-
based liquids and dry particulates



KLEENGUARD* A30 Apparel Fabric Properties

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	29.7 lbs
(CD)		20.8 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	9.9 lbs
(CD)		6.9 lbs
Elongation (MD)	ASTM D5034	41%
(CD)		53%
Mullen Burst	ISO 13938-1	42.5 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	88.2 cm
Particle Holdout (1.0-2.0 microns)	Independent Lab	96.7%
Comfort Properties	Test Method	Results
Air Permeability	ASTM D737	29.5 cfm
Moisture Vapor Transport Rate	ASTM E96	4506 g/m ² /24 hr



Typical Uses

- Fiberglass manufacturing
- Tank cleaning
- Utilities
- Liquid handling
- Pressure washing
- Maintenance/General manufacturing



Breathable,
microporous film laminate

Meets ANSI/ ISEA
101-1996 sizing standard

Better liquid barrier,
better particulate barrier,
lower in lint than Tyvek®

NFPA 99 Compliant
Antistatic Material

Passes ASTM F1670
testing for penetration
of blood & body fluids

Coveralls

Zipper front

Code	Size	Case Count
44302	M	25
44303	L	25
44304	XL	25
44305	XXL	25
44306	XXXL	25
44307	XXXXL	25

Zipper front, elastic wrists & ankles

Code	Size	Case Count
44312	M	25
44313	L	25
44314	XL	25
44315	XXL	25
44316	XXXL	25
44317	XXXXL	25

Zipper front, elastic wrists, ankles & hood

Code	Size	Case Count
44322	M	25
44323	L	25
44324	XL	25
44325	XXL	25
44326	XXXL	25
44327	XXXXL	25

Zipper front, elastic wrists, ankles, hood & boots

Code	Size	Case Count
44332	M	25
44333	L	25
44334	XL	25
44335	XXL	25
44336	XXXL	25
44337	XXXXL	25

Zipper front Coveralls To-Go

Code	Size	Case Count
44344	XL	25
44345	XXL	25

KLEENGUARD* A40 Coveralls To-Go
are individually wrapped to protect
the product until it is ready to be
worn. Ideal for workers on the go.





DID YOU KNOW?

Over 3 million disabling work-related injuries occur in the U.S. annually.

Source:
National Safety Council

KLEENGUARD* A40 Apparel Fabric Properties

Physical Properties	Test Method	KLEENGUARD* A40	Tyvek®
Tensile Strength (MD)	ASTM D5034	30.6 lbs	24 lbs
(CD)		21.4 lbs	17.5 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	11.0 lbs	6.2 lbs
(CD)		7.2 lbs	5.2 lbs
Elongation (MD)	ASTM D5034	72%	31%
(CD)		89%	23%
Lint - # of particles >0.5 microns	INDA 160.1-92	761	1847
Flammability	CPSC 1610	Class 1	Class 1
Barrier Properties	Test Method	Results	Results
Hydrohead	AATCC 127-1998	187 cm	112 cm
Particle Holdout (0.3-0.5 microns)	Independent Lab	100%	88.4%
Blood Penetration	ASTM F1670	Pass	Fail

Accessories

Lab Coat - Snap front, chest & hip pocket



44452	M	30/cs
44453	L	30/cs
44454	XL	30/cs
44455	XXL	30/cs
44456	XXXL	30/cs

Lab Coat - 5 Snap front, elastic wrists, no pocket



44442	M	30/cs
44443	L	30/cs
44444	XL	30/cs
44445	XXL	30/cs
44446	XXXL	30/cs

Shirt- 5 Snap front



44402	M	50/cs
44403	L	50/cs
44404	XL	50/cs
44405	XXL	50/cs

Pants - Elastic waist



44412	M	50/cs
44413	L	50/cs
44414	XL	50/cs
44415	XXL	50/cs

Apron



44481	28" x 40"	100/cs, bulk pack
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Boot Covers - Elastic top



44491	Universal	400 ea/cs
44495	Vinyl Sole, XL/XXL	400 ea/cs

Shoe Covers - Fully elasticized



44490	Universal	400 ea/cs
44492	Vinyl Sole, M/L	400 ea/cs
44494	Vinyl Sole, XL/XXL	400 ea/cs

Sleeve Protector - White



44480	18"	200 ea/cs
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**Protection against bloodborne pathogens
in forensic environments**

Typical Uses

- Animal research
- Emergency medical response
- Crime scene cleanup
- Embalming/forensics



Recommended by:
American Biorecovery Association

Passes ASTM F1670/F1671⁺ testing for
penetration of blood, body fluids and
bloodborne pathogens.



**NEW
& Improved!**



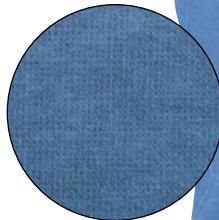
Seamless front to provide
more protection in the
primary exposure areas

Outer layers provide
protection of the film barrier
against tearing and abrasion

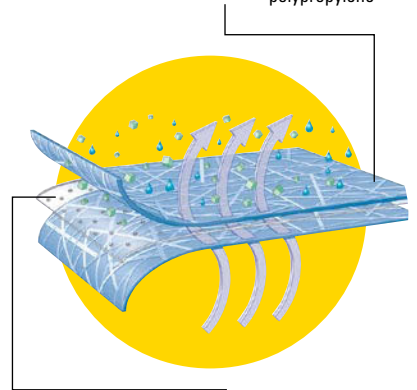
Patented REFLEX* Design
is 7-1/2 times less likely to
rip out than ANSI minimums—
provides 12% more chest room
and 6% longer body length

Patented three-layer fabric
construction features a middle
layer of microporous film that
allows heat and sweat vapor
to escape, yet protects against
many dry particulates and
liquids, even under pressure

Taped storm flap



KLEENGUARD* A60 Apparel Fabric
Outer Layers – Cloth-like, yet tough
and abrasion-resistant spunbond
polypropylene



Middle Layers – Breathable microporous
film offering resistance to many liquids
and dry particulates

Also ideal protection for light chemical splash applications.

Typical Uses

- Tank cleaning
- Fiberglass manufacturing
- Liquid handling



KLEENGUARD* A60 Apparel Fabric Properties

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	29.4 lbs
(CD)		16.7 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	10.2 lbs
(CD)		3.84 lbs
Elongation (MD)	ASTM D5034	54.6%
(CD)		72.2%
Mullen Burst	ISO 13938-1	49.3 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	183 cm
Particle Holdout (<0.3 µm)	Independent Lab	100%
Blood Penetration	ASTM F1670	Pass
Bloodborne Pathogens	ASTM F1671†	Pass
Comfort Properties	Test Method	Results
Moisture Vapor Transport Rate	ASTM E96	2800 g/m ² /24 hr

† Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

KLEENGUARD* A60 Fabric Liquid Chemical Resistance Test

Chemicals	Liquid Penetration Method D
	ASTM F903
	Test Duration: 60 mins.
	Saturation Exposure
Acetone	Pass
Acetonitrile	Pass
Dichloromethane	Pass
Dimethylformamide	Pass
Ethyl Acetate	Pass
n-Hexane	Pass
Methanol	Pass
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (97%)	Pass
Tetrahydrofuran	Pass
Sodium Hypochlorite (household bleach)	Pass
Isocyanate Hardener (65%)	Pass

WARNING: Fabric passes Penetration testing; however, the chemical is considered a known / suspected carcinogen or skin-absorbed toxin.

Coveralls

Zipper front

Code	Size	Case Count
45232	M	24
45233	L	24
45234	XL	24
45235	XXL	24
45236	XXXL	20
45237	XXXXL	20

Zipper front, storm flap, elastic back, wrists, ankles & hood

Code	Size	Case Count
45022	M	24
45023	L	24
45024	XL	24
45025	XXL	24
45026	XXXL	20
45027	XXXXL	20

Zipper front, storm flap, elastic back, wrists & ankles

Code	Size	Case Count
45002	M	24
45003	L	24
45004	XL	24
45005	XXL	24
45006	XXXL	20
45007	XXXXL	20

Zipper front, storm front, elastic back, wrists, ankles, hood & boots

Code	Size	Case Count
45092	M	24
45093	L	24
45094	XL	24
45095	XXL	24
45096	XXXL	20
45097	XXXXL	20

Accessories

Lab Coat Snap front, chest & hip pocket

Code	Size	Case Count
45512	M	25
45513	L	25
45514	XL	25
45518	XXL	25



While not primary fire protection gear, KLEENGUARD* A65 Coveralls are designed to be worn in areas where exposure to sparks is possible.

Typical Uses

- Welding
- Oil refining
- Utilities
- Grinding

Comfortable, breathable and durable fabric resists tearing

Flame resistant compliant per NFPA 701 FLAME PROPAGATION TEST (1989 edition)

Complies with the flame resistance requirements cited by paragraph 6.1 of CAN/CGSB-155.20-2000

NFPA 99 Compliant Antistatic Material

Design meets the ANSI/ISEA 101-1996 sizing standard





KIMBERLY-CLARK PROFESSIONAL has acquired JACKSON SAFETY*.*

Visit www.jacksonsafety.com/catalog for more information on market-leading welding products and accessories.

JACKSON*
SAFETY Brand

KLEENGUARD* A65 Apparel Fabric Properties

Physical Properties	Test Method	Results
Flammability	NFPA 701	Pass
	CAN/CGSB-155.20-2000	Compliant
Mullen Burst	ASTM E96-80	30 psi
Tensile Strength (MD)	ASTM D5034	19.1 lbs
(CD)		14.1 lbs
Antistat	NFPA 99	Pass
Comfort Properties	Test Method	Results
Air Permeability	ASTM D737	57.9 cfm
Moisture Vapor Transport Rate	ASTM E96	5000 g/m ² /24 hrs

Coveralls

Zipper front

Code	Size	Case Count
45312	M	25
45313	L	25
45314	XL	25
45315	XXL	25
45316	XXXL	21
45317	XXXXL	21

Zipper front, elastic wrists, ankles & hood

Code	Size	Case Count
45322	M	25
45323	L	25
45324	XL	25
45325	XXL	25
45326	XXXL	21
45327	XXXXL	21

Zipper front, elastic wrists, ankles, hood & boots

Code	Size	Case Count
45352	M	25
45353	L	25
45354	XL	25
45355	XXL	25
45356	XXXL	21
45357	XXXXL	21



Typical Uses

- Hazardous waste remediation
- Environmental cleanup
- Petrochemical/oil refining
- Acid/caustic handling
- Biohazard cleanup
- Tank cleaning
- Pharmaceutical manufacturing



Coveralls - Level B/C Suit

Bound Seams - Yellow

Zipper front, storm flap, elastic wrists, ankles & hood

Code	Size	Case Count
09812	M	12
09813	L	12
09814	XL	12
09815	XXL	12
09816	XXXL	12
09817	XXXXL	12
09818	XXXXXL	12

Zipper front, storm flap, elastic wrists, hood & boots

Code	Size	Case Count
00682	M	12
00683	L	12
00684	XL	12
00685	XXL	12
00686	XXXL	12
00687	XXXXL	12
00688	XXXXXL	12



See our interactive chemical guide to determine which product is right for you.

www.kc-safety.com/chemicalbarrierdata





KLEENGUARD* A70 Apparel Fabric Properties		
Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	33.8 lbs
(CD)		24.1 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	12.3 lbs
(CD)		6.7 lbs
Mullen Burst	ISO 13938-1	27.9 psi
Flammability	CPSC 1610	Class 1
Static Decay (<0.5 secs)	NFPA 99	Pass
Barrier Properties	Test Method	Results
Blood Penetration	ASTM F1670	Pass
Bloodborne Pathogens	ASTM F1671†	Pass

† Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

KLEENGUARD* A70 Apparel Fabric Liquid Chemical Resistance Test			
Chemicals ASTM F1001	Liquid Penetration ASTM F903	Vapor Permeation ASTM F739	
	Test Duration: 60 mins. Saturation Exposure	Normalized Breakthrough (min.)	Rate (µg/cm²/min)
Acetone	Pass	Immediate	7.9
Acetonitrile	Pass Δ	Immediate	8.97
Carbon Disulfide	Pass Δ	Immediate	76.3
Dichloromethane	Pass Δ	Immediate	85.1
Diethylamine	Pass Δ	Immediate	High
n,n-Dimethylformamide	Pass	Immediate	2.54
Ethyl Acetate	Pass	Immediate	40.3
n-Hexane	Pass Δ	Immediate	High
Methanol	Pass Δ	Immediate	1.71
Nitrobenzene	Pass	Immediate	97.4
Sodium Hydroxide (50%)	Pass	>480	Not detected
Sulfuric Acid (98%)	Pass	>480	Not detected
Tetrachloroethylene	Pass Δ	Immediate	High
Tetrahydrofuran	Pass	Immediate	32.8
Toluene	Pass Δ	Immediate	High

Δ WARNING: Fabric passes penetration testing; however, the chemical is a known or suspected carcinogen or skin absorbed toxin.

DID YOU KNOW?

75% of industrial workers preferred KLEENGUARD* A70 Apparel over the leading brand for fit and productivity.

Source:
Clinical Research Services

Accessories



Sleeve Protector - Yellow

Code	Size	Case Count
97780	21"	200



Apron - Yellow

Code	Size	Case Count
97790	44" length	100



Smock - Yellow, Bound Seams

Elastic wrist, tie front & back opening

Code	Size	Case Count
09829	44"	25
09830	52"	25



A80

Chemical Permeation & Jet Liquid Protection Apparel

NEW!

Improved Durability

Typical Uses

- Chemical handling/mixing/cleanup
- Hazardous material handling
- Hazardous waste cleanup
- Industrial Hazmat teams
- Petrochemicals
- Utilities



Now with respirator-fit hood

Taped, sealable storm flap

Made of Saranex® 23-P Film laminated to a durable fabric which provides a soft cloth-like feel against the skin

Patented REFLEX* Design is 7-1/2 times less likely to rip out than ANSI minimums – provides 12% more chest room and 6% longer body length

Taped seams

Seamless front provides more protection in the primary exposure area



New! Improved boot sizing

Coveralls - Taped Seams - White

Level B/C Suit		
Zipper front, storm flap, elastic wrists, ankles & respirator-fit hood		
Code	Size	Case Count
45643	L	12
45644	XL	12
45645	XXL	12
45646	XXXL	10
45647	XXXXL	10

Level B/C Suit		
Zipper front, storm flap, elastic wrists, ankles, respirator-fit hood & boots		
Code	Size	Case Count
45663	L	12
45664	XL	12
45665	XXL	12
45666	XXXL	10
45667	XXXXL	10

Accessories

Apron		
Code	Size	Case Count
45748	29" x 44"	50

Sleeve Protector - Elastic ends, taped seams	
Code	Case Count
45749	100



NEW A80 material has not been tested for barrier against any chemical warfare agents. KIMBERLY-CLARK PROFESSIONAL* does not endorse A80 as protection against exposure to same.

KLEENGUARD* A80 Apparel Fabric Liquid & Gas Chemical Resistance Test

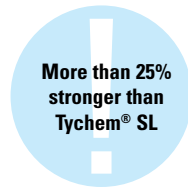
Chemicals ASTM F1001	Liquid Penetration ASTM F903	Liquid Permeation ASTM F739	
	Test Duration: 60 mins. Saturation Exposure	Normalized Breakthrough (min.)	Rate (µg/cm ² /min)
Acetone	Pass	23	0.92
Acetonitrile	Pass	72.5	0.32
Ammonia	NA (gas)	>480	ND
1,3 Butadiene	Pass	>480	ND
Carbon Disulfide	Pass	Immediate	70.6
Chlorine	NA (gas)	>480	ND
Dichloromethane	Pass	Immediate	High
Diethylamine	Pass	17	92.6
n,n-Dimethylformamide	Pass	127.5	1.33
Ethyl Acetate	Pass	10	5.6
Ethylene Oxide	Pass	14.5	18.5
n-Hexane	Pass	>480	Not detected
Hydrochloric Acid (99%)	Pass	>480	ND
Methanol	Pass	>480	Not detected
Methyl Chloride	Pass	>480	ND
Nitrobenzene	Pass	89	6.96
Sodium Hydroxide (50%)	Pass	>480	Not detected
Sulfuric Acid (98%)	Pass	>480	Not detected
Tetrachloroethylene	Pass	10.5	17.4
Tetrahydrofuran	Pass	Immediate	289
Toluene	Pass	2.5	369.5



Seams
taped with
Saranex®
23-P Film

DID YOU KNOW?

Liquid penetration testing (ASTM F903) lasts for 60 minutes and holds the chemical in saturation contact with the material for the duration of the test.



More than 25%
stronger than
Tychem® SL

KLEENGUARD* A80 Taped Seams

Chemicals ASTM F1001	Liquid Penetration ASTM F903
	Test Duration: 60 mins. Saturation Exposure
Acetone	Pass
Acetonitrile	Pass
Carbon Disulfide	Pass
Dichloromethane	Pass
Diethylamine	Pass
n,n-Dimethylformamide	Pass
Ethyl Acetate	Pass
n-Hexane	Pass
Methanol	Pass
Nitrobenzene	Pass
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (98%)	Pass
Tetrachloroethylene	Pass
Tetrahydrofuran	Pass
Toluene	Pass

WARNING: Fabric passes penetration testing; however, the chemical is a known or suspected carcinogen or skin absorbed toxin.

KLEENGUARD* A80 Apparel Fabric Properties

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	64.4 lbs
	(CD)	52.8 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	20.8 lbs
	(CD)	14.0 lbs
Hydrohead	AATCC 127-1998	703 cm
Flammability	CPSC 1610	Class 1
Blood Penetration	ASTM F1670	Pass
Bloodborne Pathogens	ASTM F1671‡	Pass

‡ Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Bloodborne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.



See our interactive chemical guide to determine which product is right for you.

www.kc-safety.com/chemicalbarrierdata





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For more information, or for the name
of the Kimberly-Clark distributor
nearest you, call toll-free:

Customer Service:
1-800-255-6401

E-mail:
kleenguardglobal@kcc.com

Fax:
1-800-579-3555

Technical Helpline:
1-800-851-7538

⚠ WARNINGS: Improper use or failure to heed warnings may result in serious injury or death.

Protective Equipment should be replaced immediately if ripped, torn, abraded or punctured.

Fabrics are not flame resistant unless specified. Keep away from sparks, flames and sources of ignition. Melting fabric can cause severe burns.

It is the responsibility of the user to assess the types of hazards and the risks associated with exposure and then decide on the appropriate personal protective equipment needed for each circumstance.

The information provided within this literature refers to the performance of the fabric only, in the laboratory under controlled conditions.

Kimberly-Clark makes no representation that its products will provide complete protection from exposure to contaminants.

KLEENGUARD* Brand Eye Protection:

- Provides limited eye protection. Additional protective devices are required for full eye coverage and protection.
- Does not protect you from all hazards. Even though the lenses in these safety glasses are impact resistant, they can break and shatter and will not protect you from explosions, all flying debris, and severe impacts.
- Should not be worn to provide protection from other hazards including, but not limited to, extreme temperatures, high heat, airborne dusts or mists, liquid splashes, sports activities and high energy optical radiation.

MEETS THE HIGH IMPACT REQUIREMENTS IN ANSI Z87.1

RESPIRATORY PROTECTION WARNING:

Do not use respirators for sandblasting or to protect **against** asbestos, lead-based paint, pesticides, oil aerosols¹, vapors or gases. Do not wear respirators when conditions prevent a good facial seal. It is important to fit check the respirator each time it is worn. KLEENGUARD* Brand Respirators are not for medical use and should never be altered or modified.

† Except R95 or P95

KLEENGUARD* BRAND HEARING PROTECTION WARNING:W

Corded earplugs should not be used where there is a risk that the connecting cord could be caught up during use.

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Our Guarantee

Your total satisfaction means everything to us. If, for any reason, our products do not meet your expectations, Kimberly-Clark will reimburse you[‡] for your initial purchase, via FREE product, for up to \$1,000.

For more information on KIMBERLY-CLARK PROFESSIONAL*, visit us online at www.kcprofessional.com, contact your Kimberly-Clark Sales Representative, or call us at 1-800-255-6401.

‡ Guarantee extended to consuming end-user accounts only.

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