

**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!**



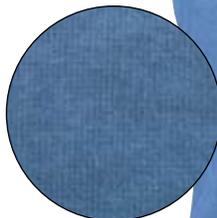
Seamless front to provide
more protection in the primary
exposure areas

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

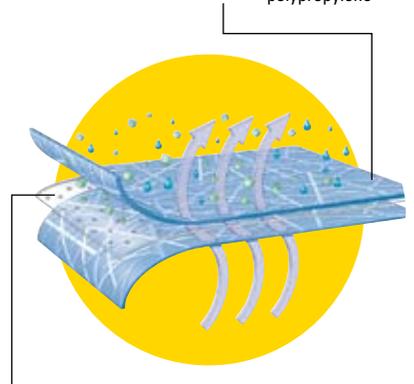
Patented REFLEX* Design
is 7-1/2 times less likely to rip
out than ANSI minimums—
provides 12% more chest room
and 6% longer body length

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, 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, 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

45512	M	25
45513	L	25
45514	XL	25
45518	XXL	25

