

A80
A70
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A10

KleenGuard[®]

BRAND

A60 Bloodborne Pathogen & Chemical Splash Protection Apparel

Typical Uses

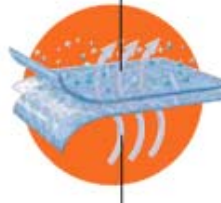
- Emergency medical response
- Crime scene cleanup
- Embalming/forensics
- Tank cleaning
- Fiberglass manufacturing
- Animal research



Recommended by:
American Biorecovery Association



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

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



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

Liquid Chemical Resistance Test / KLEENGUARD[®] A60 Fabric

Chemicals	Liquid Penetration ASTM F903 Test Duration: 60 mins. Saturation Exposure
Carbon Disulfide	Pass Δ
Dichloromethane	Pass Δ
n-Hexane	Pass Δ
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (97%)	Pass
Tetrahydrofuran	Pass
Sodium Hypochlorite (100% household bleach)	Pass
Valspar Isocyanate Hardener	Pass

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

KLEENGUARD[®] A60 Apparel Fabric Properties

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	27.2 lbs
(CD)		18.7 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	7.1 lbs
(CD)		4.3 lbs
Elongation (MD)	ASTM D5034	37.9%
(CD)		61.7%
Mullen Burst	ISO 13938-1	40.6 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	226 cm
Particle Holdout (<0.3 μ m)	Independent Lab	100%
Blood Penetration	ASTM F1670	Pass
Bloodborne Pathogens	ASTM F1671†	Pass
Comfort Properties	Test Method	Results
Moisture Vapor Transport Rate	ASTM E96	2725 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.