

# KleenGuard<sup>®</sup>




Bloodborne Pathogen & Chemical Splash Protection Apparel


## A60

### Typical Uses

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

#### LIQUID CHEMICAL RESISTANCE TEST / KLEENGUARD<sup>®</sup> A60 FABRIC

CHEMICALS	PENETRATION ASTM F903 (PROCEDURE D)
Carbon Disulfide	Pass 
Dichloromethane	Pass 
n-Hexane	Pass 
Sodium Hydroxide (50%)	Pass
Sulfuric Acid (97%)	Pass
Tetrahydrofuran	Pass
Sodium Hypochlorite (100% household bleach)	Pass
Valspar Isocyanate Hardener	Pass

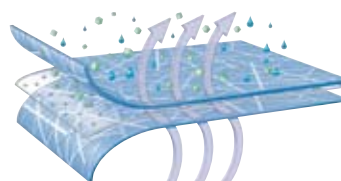
 WARNING: Fabric passes Penetration testing; however, the chemical is considered a known / suspected carcinogen or skin-absorbed toxin.

#### PATENTED REFLEX<sup>®</sup> DESIGN

IS 7½ 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

PASSES ASTM F1670/F1671<sup>‡</sup> TESTING FOR PENETRATION OF BLOOD, BODY FLUIDS AND BLOOD-BORNE PATHOGENS



#### KLEENGUARD<sup>®</sup> 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

SEAMLESS FRONT TO PROVIDE MORE PROTECTION IN THE PRIMARY EXPOSURE AREAS



#### PROPERTIES OF KLEENGUARD<sup>®</sup> A60 APPAREL FABRIC

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 µm)	Independent Lab	100%
Blood Penetration	ASTM F1670	Pass
Bloodborne Pathogens	ASTM F1671 <sup>‡</sup>	Pass
COMFORT PROPERTIES	TEST METHOD	RESULTS
Moisture Vapor Transport Rate	ASTM E96	2725 g/m <sup>2</sup> /24 hr

<sup>‡</sup> Standard Test Method for Resistance of Materials Used in Protective Clothing to Penetration by Blood-Borne Pathogens Using Phi-X174 Bacteriophage Penetration as a Test System.

#### ACCESSORIES



LAB COAT – Snap front, chest & hip pocket		
STYLE	SIZE	CASE COUNT
45512	M	25/cs
45513	L	25/cs
45514	XL	25/cs
45518	XXL	25/cs



HOOD – Elastic face opening	
STYLE	CASE COUNT
45343	100 ea/cs

## KLEENGUARD<sup>®</sup> A60 Coveralls

formerly KLEENGUARD<sup>®</sup> ULTRA Apparel

#### COVERALLS – Denim Blue

##### Zipper front

STYLE	SIZE	CASE COUNT
45232	M	24
45233	L	24
45234	X L	24
45235	XX L	24
45236	XXX L	20
45237	XXXX L	20

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

STYLE	SIZE	CASE COUNT
45022	M	24
45023	L	24
45024	X L	24
45025	XX L	24
45026	XXX L	20
45027	XXXX L	20

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

STYLE	SIZE	CASE COUNT
45002	M	24
45003	L	24
45004	X L	24
45005	XX L	24
45006	XXX L	20
45007	XXXX L	20

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

STYLE	SIZE	CASE COUNT
45092	M	24
45093	L	24
45094	X L	24
45095	XX L	24
45096	XXX L	20
45097	XXXX L	20

