

## KLEENGUARD\* A40 Liquid & Particle Protection Coveralls

### Product Information

Zipper Front	Code	Vending Machine Ready*	Size	Qty
	27151	42568	S	25
	44302	42569	M	25
	44303	37685	L	25
	44304	37886	XL	25
	44305	37837	2XL	25
	44306	37692	3XL	25
	44307	37694	4XL	25
	30922	42570	5XL	25
	30927*	42571	6XL	25



\*Only this model is available packaged for vending machines.

Zipper Front, Elastic Wrists & Ankles	Code	Size	Qty
	30905	S	25
	44312	M	25
	44313	L	25
	44314	XL	25
	44315	2XL	25
	44316	3XL	25
	44317	4XL	25
	30904	5XL	25
	27189*	6XL	25



Zipper Front, Elastic Wrist, Ankles & Hood	Code	Size	Qty
	30939	S	25
	44322	M	25
	44323	L	25
	44324	XL	25
	44325	2XL	25
	44326	3XL	25
	44327	4XL	25
	27158	5XL	25
	30921*	6XL	25



Zipper Front, Elastic Wrists, Ankles, Hood & Boots	Code	Size	Qty
	30940	S	25
	44332	M	25
	44333	L	25
	44334	XL	25
	44335	2XL	25
	44336	3XL	25
	44337	4XL	25
	30907	5XL	25
	30934*	6XL	25



\*Made-to-order Codes

### Fabric Properties

Physical Properties	Test Methods	Target
Tensile Strength (MD)	ASTM D5034	39.5 lbs.
Tensile Strength (CD)	ASTM D5034	22 lbs.
Trapezoidal Tear (MD)	INDA IST 100.2	14 lbs.
Trapezoidal Tear (CD)	INDA IST 100.2	7 lbs.
Elongation (MD)	ASTM D5034	70%
Elongation (CD)	ASTM D5034	80%
Lint -# of particles <sup>†</sup>	IEST-RP-CC003.4 Helmke Drum	>0.3µm - 3532 >0.5µm - 2246
Flammability	CPSC 1610	Class 1
Static Decay (<0.5 sec)	NFPA 99	Pass

<sup>†</sup>Benchmark testing, sample = 1

Barrier Properties	Test Methods	Target
Hydrohead	AATCC 127-1998	300 cm
Particle Holdout (≥0.1µm)	Berkeley Lab	99.9%
Blood Penetration	ASTM F1670	Pass
Protects against Potassium Chromate (20%)	ASTM F903-10	Pass
Protects against Isocyanates <sup>‡</sup>	ASTM F903-10	Pass

<sup>‡</sup>Tested against polyurethane containing polymeric isocyanate (40% concentration)

Additional Attributes
Microporous film laminate provides particles and liquids barrier
Product not made with silicone
Made with non-latex elastic
Patented REFLEX* design is 7.5 times less likely to rip out than ANSI minimums; 12% more chest room; 6% longer body length.
Serged seams
Seamless front

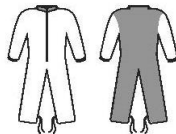
## KleenGuard\* A40 Liquid & Particle Protection Coveralls with Breathable Back

### Product Information

Zipper Front, Elastic Wrist, Ankles & Hood			
Code	Size	Qty	
42119	M	25	
37591	L	25	
37163	XL	25	
37164	2XL	25	
37165	3XL	25	
38508	4XL	25	
37584	5XL/6XL	25	



Zipper Front, Elastic Wrist, Tie Ankles			
Code	Size	Qty	
45084	S	25	
45088	M	25	
45089	L	25	
45091	XL	25	
45098	2XL	25	
45099	3XL	25	
45100	4XL	25	
45101	5XL/6XL	25	



### Fabric Properties

Physical Properties	Test Methods	Target	
		Front	Breathable Back
Tensile Strength (MD)	ASTM D5034	39.5 lbs.	20.9 lbs.
Tensile Strength (CD)	ASTM D5034	22 lbs.	18.5 lbs.
Trapezoidal Tear (MD)	INDA IST 100.2	14 lbs.	7.3 lbs.
Trapezoidal Tear (CD)	INDA IST 100.2	7 lbs.	5.5 lbs.
Elongation (MD)	ASTM D5034	70%	50.1%
Elongation (CD)	ASTM D5034	80%	58.2%
Lint - # of particles <sup>†</sup>	IEST-RP-003.4 Helmke Drum	≥0.3 μm - 3532 ≥0.5 μm - 2246	≥0.3 μm - 1332 ≥0.5 μm - 967
Flammability	CPSC 1610	Class 1	Class 1
Static Decay (<0.5 sec)	NFPA 99	Pass	Pass

<sup>†</sup>Benchmark testing, sample size = 1

Barrier Properties	Test Methods	Target	
		Front	Breathable Back
Hydrohead	AATCC-127-2008	300 cm	72.9 cm
Particle Holdout	Berkeley Lab	99.9% (0.3-0.5 μm)	96.3% (3.0-5.0 μm)
Blood Penetration	ASTM F1670	Pass	NA
Protects against Potassium Chromate (20%)	ASTM F903-10	Pass	NA
Protects against Isocyanates*	ASTM F903-10	Pass	NA

\*Tested against polyurethane containing polymeric isocyanate (40% concentration)

Comfort Properties	Test Methods	Target	
		Front	Breathable Back
Air Permeability	ASTM D737	NA	41.5 cfm
WVTR	ASTM E96	NA	4616 g/m <sup>2</sup> /24hr

### Additional Attributes

Product not made with silicone  
Meets ANSI/ISEA 101-1996 sizing standards  
Serged seams

#### Fronts & Sleeves Features

Microporous film laminate

#### Back Features

Lightweight and breathable SMMMS

Made with non-latex elastic

**Workmanship Requirements:** All coveralls shall be made in accordance with reasonable industry practice with respect to holes, tears, wrinkles, cleanliness, and foreign materials or dirt.

### Product Information

Storage	Store in a cool, dry place. Protect from sunlight and UV exposure.
Country of Origin	Mexico
Disposal	Dispose of in accordance with local authority regulations.

It is the responsibility of the user to assess the type of hazard and the risk associated with exposure and then decide in the appropriate personal protective equipment needed for each circumstance. Failure to use only KLEENGUARD™ designed produced and tested components, attachments and replacement parts can adversely affect product performance resulting to serious injury.

For additional information visit us at [www.KCProfessional.com](http://www.KCProfessional.com) or contact us at 888-346-GOKC (4652)

