



## A40 Liquid & Particle Protection Apparel with Breathable Back

### Product Information

Zipper Front, Elastic Wrist, Ankles & Hood	Code	Vending Machine Ready	Size	Qty
	42119	No	M	25
	37591	No	L	25
	37163	No	XL	25
	37164	No	2XL	25
	37165	No	3XL	25
	38508	No	4XL	25
	37584	No	5XL/6XL	25



### Fabric Properties

Physical Properties	Test Methods	Results	
		Front	Breathable Back
Tensile Strength (MD)	ASTM D5034	30.6 lbs	20.9 lbs
Tensile Strength (CD)	ASTM D5034	21.4 lbs	18.5 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	11.0 lbs	7.3 lbs
Trapezoidal Tear (CD)	INDA IST 100.2	7.2 lbs	5.5 lbs
Elongation (MD)	ASTM D5034	72%	50.1%
Elongation (CD)	ASTM D5034	89%	58.2%
Lint - # of particles <sup>†</sup>	IEST-RP-CC003.4 Helmke Drum	≥0.3 μm - 253 ≥0.5 μm - 214	≥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, Additional testing underway

Barrier Properties	Test Methods	Results	
		Front	Breathable Back
Hydrohead	AATCC-127-1998	187 cm	--
Hydrohead	AATCC-127-2008	--	72.9 cm
Particle Holdout	Independent Lab	100% (0.3-0.5 μm)	96.3% (3.0-5.0 μm)
Mullen Burst	ISO 13938-1	NA	44.3 psi
Blood Penetration	ASTM F1670	Pass	NA

Comfort Properties	Test Methods	Results	
		Front	Breathable Back
Air Permeability	ASTM D737	NA	41.5 cfm
Moisture Vapor Transport Rate	ASTM E96	NA	4616 g/m <sup>2</sup> /24hr

### Additional Attributes

- Fabric not made with silicone
- Not made with BHT preservative
- Not made with natural rubber latex
- Meets ANSI/ISEA 101-1996 sizing standards
- Serged seams

#### Fronts & Sleeves Features

Microporous film laminate

#### Back Features

Lightweight and breathable

### Workmanship Requirements

Coveralls shall be made in accordance with reasonable industry practice with respect to holes, tears, wrinkles, cleanliness, and foreign materials or dirt. For additional information: 1-888-346-4652 or [kimtech@kcc.com](mailto:kimtech@kcc.com)

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