

### Typical Uses

- Pharmaceutical research
- Fine particle contamination
- Aerospace
- Maintenance/General manufacturing



Seamless front to provide more protection in the primary exposure areas

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

Strong and abrasion resistant

Zipper flap

Elastic back

Breathable, patented MICROFORCE<sup>\*</sup> barrier SMS fabric

NFPA 99 compliant antistatic material

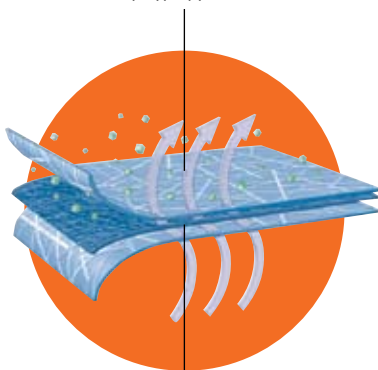
25 times more breathable with comparable particle holdout to Tyvek<sup>®</sup>

Heavier & more durable than KLEENGUARD<sup>\*</sup> A20 Coveralls

#### KLEENGUARD<sup>\*</sup> Apparel MICROFORCE<sup>\*</sup>

##### Barrier SMS Fabric

Outer Layers – Cloth-like, yet tough and abrasion-resistant spunbond polypropylene



Middle Layers – Intricate web of microfibers that filter out many water-based liquids and dry particulates

#### Coveralls

##### Zipper front with 1" flap & elastic back

Stock Code	Size	Case Count
46002	M	25
46003	L	25
46004	XL	25
46005	XXL	25
46006	XXXL	21
46007	XXXXL	21

##### Zipper front with 1" flap, elastic back, wrists & ankles

Stock Code	Size	Case Count
46102	M	25
46103	L	25
46104	XL	25
46105	XXL	25
46106	XXXL	21
46107	XXXXL	21

##### Zipper front with 1" flap, elastic back, wrists, ankles & hood

Stock Code	Size	Case Count
46112	M	25
46113	L	25
46114	XL	25
46115	XXL	25
46116	XXXL	21
46117	XXXXL	21

##### Zipper front with 1" flap, elastic back, wrists, ankles, hood & boots

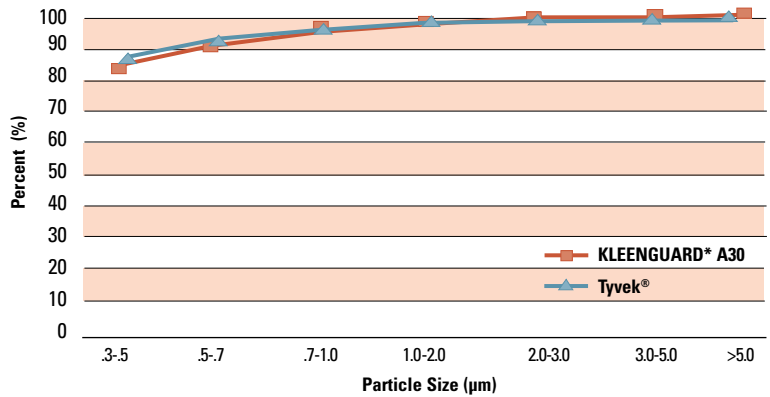
Stock Code	Size	Case Count
46122	M	25
46123	L	25
46124	XL	25
46125	XXL	25
46126	XXXL	21
46127	XXXXL	21



**KLEENGUARD\* A30 Apparel Fabric Properties**

Physical Properties	Test Method	Results
Tensile Strength (MD)	ASTM D5034	29.7 lbs
(CD)		20.8 lbs
Trapezoidal Tear (MD)	INDA IST 100.2	9.9 lbs
(CD)		6.9 lbs
Elongation (MD)	ASTM D5034	41%
(CD)		53%
Mullen Burst	ISO 13338-1	42.5 psi
Static Decay (<0.5 sec)	NFPA 99	Pass
Flammability	CPSC 1610	Class 1
Barrier Properties	Test Method	Results
Hydrohead	AATCC 127-1998	88.2 cm
Particle Holdout (1.0-2.0 microns)	Independent Lab	96.7%
Comfort Properties	Test Method	Results
Air Permeability	ASTM D737	29.5 cfm
Moisture Vapor Transport Rate	ASTM E96	4506 g/m <sup>2</sup> /24 hr

**Particle Holdout**



**DID YOU KNOW?**

The total cost of accidental death and injury in the workplace topped \$150 billion in 2003. That averages over \$1000 per worker.

Source: National Safety Council



**Take the Change Challenge...  
10% Savings Guaranteed!**

See back cover for details

