



*PROTECTIVE INDUSTRIAL PRODUCTS*

# DISPOSABLE CLOTHING SOLUTIONS

PROTECTION. PERFORMANCE. VALUE.

[www.pipusa.com](http://www.pipusa.com)



# Finding the right protection

PIP's diverse disposable clothing offering is designed to protect workers from numerous industrial hazards.

PIP® offers a complete line of disposable clothing that meets or exceeds the most rigorous NFPA and ASTM testing methods.

PRODUCT	DRY PARTICULATE	LIQUID SPRAY & LIGHT SPLASH	CHEMICAL BARRIER	FLAME RESISTANT
Posiwear® Flame Resistant™	•	•		•
Posiwear® Ultimate Barrier™	•	•	•	
Posiwear® Breathable Advantage™	•	•		
Posiwear® M3™	•	•		

## APPLICATIONS

### Dry Particulate Liquid Spray

- ASBESTOS REMOVAL
- DRY/HAZARDOUS CHEMICALS
- CLEANROOM ENVIRONMENT
- GENERAL CLEANUP
- FOOD INDUSTRIES
- MAINTENANCE
- LABORATORIES
- NUCLEAR/RADIOACTIVE EQUIPMENT
- PAINT AND PAINT SPRAY
- WASTE RECYCLING/COLLECTION
- HAZARDOUS MATERIAL REMEDIATION
- FOUNDRIES METALWORKING
- CONSTRUCTION/BUILDING
- UTILITIES (WATER, GAS, ELECTRIC)
- MINING

### Liquid Splash

- ACID HANDLING
- BIO-HAZARD EXPOSURE
- CHEMICAL: MID-RANGE/LIGHT RANGE
- CHEMICAL: INCREASED HAZARD/SPLASH
- CONSTRUCTION/BUILDING
- FLAMMABLE MATERIALS
- FOUNDRIES/METALWORKING/MINING
- HAZMAT RESPONSE
- HAZARDOUS MATERIAL REMEDIATION
- LABORATORIES
- MAINTENANCE
- PCB REMEDIATION
- REFINERIES - PETROCHEMICAL
- WARFARE AGENTS/CHEMICAL MATERIALS
- TANK CLEANING/MAINTENANCE

## STANDARDS

### NFPA 99 – Anti-Static

NFPA 99 specifies that materials should have a resistivity of  $1 \times 10^{11} \Omega/\text{sq}$  at 50% relative humidity and a static decay time of fewer than 0.5 seconds when measured to the 10% (500 volts) cutoff level.

### NFPA 701 – Flame Propagation

The NFPA 701 method requires material test samples to have a char length of less than 6.5", an after-flame of less than 2 seconds and does not BEL (Burn Entire Length) after reaching the floor of the test chamber.

### ASTM 1670 – Blood Penetration Resistance

This method is used to evaluate the resistance of materials to penetration from continuous liquid contact. Protective clothing passes or fails based on the visual detection of synthetic blood penetration.

### ASTM 1671 – Viral and Bloodborne Pathogens

Material resistance to the penetration of pathogens is tested by using a surrogate microbe under continuous liquid contact. PPE will pass or fail based on the detection of viral penetration using the single-stranded DNA virus Phi-X174 bacteriophage.

### ASTM F739 / F903 – Permeation of Chemicals and Liquids

This method evaluates the barrier effectiveness of PPE materials, seams and closures against liquid penetration from continuous contact. All tested chemicals entail different durations of exposure and hydrostatic pressure, as diverse molecular properties may lead to different results.



# Flame Resistant Coveralls



3100

Worn over the top of primary flame-retardant clothing to protect from dirt and oil / Chemical and Petrochemical industry / Refinery during turnaround periods / Industrial Maintenance / Utilities / Transport

## PROTECTION AGAINST:



FLAME



DRY PARTICULATES



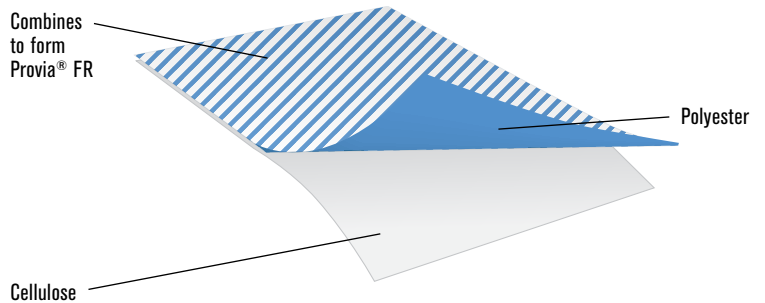
LIQUID SPRAYS AND SPLASHES



DIRT & DEBRIS

## MATERIAL COMPOSITION

Provia<sup>®</sup> is made of a uniquely treated cellulose/polyester spunlace material. It does not melt, instead it ashes when burned. It is also self-extinguishing. It is extremely soft, durable and breathable.



## FEATURES

- Self-extinguishes when sparks are present
- Protects the integrity of worker's underlying suit
- Good particulate and liquid splash protection
- NFPA 701 / NFPA 99 Anti-static
- Wicks moisture from the body
- Repellent to oil, water and alcohol
- Serged seams

### Posiwear<sup>®</sup> Flame Resistant™ Coveralls

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
3100	Coverall	Zippered Front	Zipper	Spunlace Polyester/Cellulose Composite	Serged	Blue	M-5XL	25 / case
3106	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunlace Polyester/Cellulose Composite	Serged	Blue	M-5XL	25 / case
3109	Coverall	Elastic Wrists, Hood and Boots	Zipper	Spunlace Polyester/Cellulose Composite	Serged	Blue	M-5XL	25 / case

## TYPICAL PROPERTIES

PHYSICAL PROPERTY	TEST METHODS	UNITS	POSIWEAR <sup>®</sup> FR
Weight	ASTM D3776	osy	2.39
MD Tensile (Grab)	ASTM D5034	lb/in	27.1
CD Tensile (Grab)	ASTM D5034	lb/in	16.1
MD Tear Strength (Trapezoid)	ASTM D5733	lb/in	7.3
CD Tear Strength (Trapezoid)	ASTM D5733	lb/in	12
Hydrostatic Head	AATCC127	cm	25+
Oil Repellency	AATCC118	holdout rating	5
Static Decay	IST 40.2-95	sec	0.01
Vertical Flame	NFPA 701	% wt loss	20



# Ultimate Barrier™

Chemical / Petrochemical Industry / Cleaning and Industrial Maintenance / Hazardous Material Transport / Industrial Painting / Emergency Services / Pharmaceutical Industry / Oil Handling / Waste Management / Remediation

## PROTECTION AGAINST:



CHEMICAL EXPOSURE



DRY PARTICULATES



STATIC BUILDUP



HAZARDOUS MATERIALS



LIQUID SPRAYS AND SPLASHES



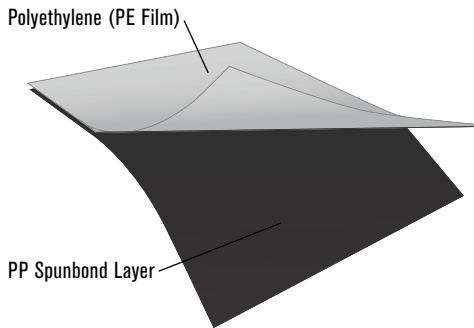
VIRAL AND BLOODBORNE PATHOGENS



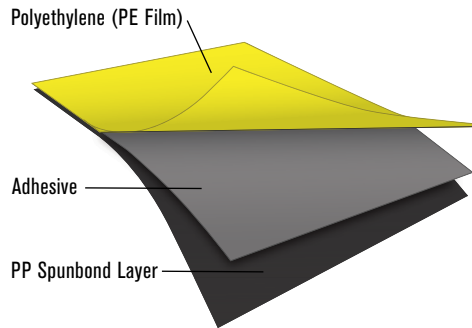
DIRT & DEBRIS

## MATERIAL COMPOSITION

The Polysafe® material in PIP's white suits is made of a strong two-layer composite fabric of resistant and durable polypropylene fabric and PE film. At 58 gsm, they are softer and more drapable.



The Polysafe® material in PIP's yellow suits is made of a strong, three-layer extrusion-coated fabric of resistant and durable polypropylene fabric and PE film. At 82 gsm, they are heavier and stronger.



## TYPICAL PROPERTIES

TECHNICAL PROPERTIES	TEST METHODS	UNITS	WHITE
<b>Strength</b>			
Basis Weight	ASTM D3376	GSM	57.63/1.7oz/yd <sup>2</sup>
Grab Tensile Strength	ASTM D5034	Lb/in-MD	29.2
		Lb/in-CD	24.6
Elongation	ASTM D5034	% MD	54.6
		% CD	70.1
Trap Tear	ASTM D5733	Lb/in-MD	12.4
		Lb/in-CD	10.8
Mullen Burst	ASTM D3786-87	psi	34.8
<b>Barrier</b>			
Hydrostatic Head	AATCC 127	cm	>>100
Static Decay	NFPA 99	< 0.5 sec	PASS
Resistance to Blood Penetration	ASTM F1670	Procedure B	PASS
Resistance to Viral Penetration	ASTM F1671	Procedure B	PASS
<b>Comfort</b>			
MVTR (50%RH@90°F)	ASTM E96	Grams/24/m <sup>2</sup>	65
Linting	Helmke Drum IES-RP-CC-003.2	Particles/min (> 0.5um)	585

\*These physical properties represent typical values of the non-woven fabric. These values should not be considered as a specification or certificate of material and or specification value.

## CHEMICAL PENETRATION DATA SUMMARY FOR POSIWEAR® ASTM F903, PROCEDURE C

CHEMICAL	CHEMICAL FAMILY	PHYSICAL PHASE	PASS/ FAIL
Acetone	Ketone	Liquid	Pass
Acetonitrile	Nitrile	Liquid	Pass
Carbon Disulfide	Sulfur Compound	Liquid	Pass
Dichloromethane	Halogen Compound	Liquid	Pass
Diethylamine	Amine	Liquid	Pass
N, N Dimethylformamide	Amide	Liquid	Pass
Ethyl Acetate	Ester, Carboxylic	Liquid	Pass
n-Hexane	Hydrocarbon	Liquid	Pass
Methanol	Hydroxylic Compound	Liquid	Pass
Nitrobenzene	Nitro Compound	Liquid	Pass
Sodium Hydroxide	Inorganic Base	Liquid	Pass
Sulfuric Acid	Inorganic Acid	Liquid	Pass
Tetrachloroethylene	Halogen Compound	Liquid	Pass
Tetrahydrofuran	Ether	Liquid	Pass
Toluene	Hydrocarbon	Liquid	Pass

Chemical Penetration test performed by a third-party laboratory.  
All chemicals used > 95% concentration except for Sodium Hydroxide (50% in water).

CHEMICAL	CHEMICAL FAMILY	PHYSICAL PHASE	AVERAGE NORMALIZED BREAKTHROUGH TIME (minutes)	AVERAGE PERMEATION RATE (ug/cm <sup>2</sup> /min)
Acetone	Ketone	Liquid	8	0.62
Acetonitrile	Nitrile	Liquid	<4	8.7
Ammonia	Inorganic Gas	Gas	4	4.5
1,3 Butadiene	Hydrocarbon	Gas	8	11.9
Carbon Disulfide	Sulfur Compound	Liquid	<4	<50
Chlorine Gas	Element	Gas	6	23
Dichloromethane	Halogen Gas	Liquid	4	0.059
Diethylamine	Amine	Liquid	4	9.5
N,N-Dimethylformamide	Amide	Liquid	8	2.1
Ethyl Acetat	Ester, Carboxylic	Liquid	4	3.3
Ethylene Oxide	Heterocyclic Compound	Gas	<4	359
n-Hexane	Hydrocarbon	Liquid	4	6.3
Hydrogen Chloride	Inorganic Gas	Gas	30	>50
Methanol	Hydroxylic Compound	Liquid	<4	2.23
Meth Chloride	Halogen Compound	Gas	4	0.38
Nitrobenzene	Nitro Compound	Liquid	4	16
Sodium Hydroxide	Inorganic Gas	Liquid	ND	ND
Sulfuric Acid	Inorganic Gas	Liquid	ND	ND
Tetrachloroethylene	Halogen Compound	Liquid	8	10
Tetrahydrofuran	Ether	Liquid	<4	>50
Toluene	Hydrocarbon	Liquid	8	25



3678B



3702



3718

## FEATURES

- Protects against chemicals, dry particulates, light sprays and liquid splash
- ASTM 1670 and 1671 for viral and bloodborne pathogens
- ASTM F739 and F903 for many chemicals
- Low lint – NFPA 99 Anti-static

### Posiwear® Ultimate Barrier™

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
3678B	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Polyethylene Film / Melt-Blown Adhesive / Spunbond Polypropylene	Bound	Yellow	M-5XL	25 / case
3679B	Coverall	Elastic Wrists, Hood and Boots	Zipper	Polyethylene Film / Melt-Blown Adhesive / Spunbond Polypropylene	Bound	Yellow	M-5XL	25 / case
3700	Coverall	Zippered Front	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
3702	Coverall	Elastic Wrists and Ankles	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
3706	Coverall	Elastic Wrists and Ankles with Hood	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
3709	Coverall	Elastic Wrists, Hood and Boots	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	M-4XL	25 / case
3712	Sleeve	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	18"	200 / case
3713	Shoe Cover	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	OS	200 / case
3714	Boot Cover	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	OS	200 / case
3718	Lab Coat	Snap Front Closure	Snap	Polyethylene Film / Spunbond Polypropylene	Serged	White	L-3XL	30 / case
3722	Apron	-	Tied Waist	Polyethylene Film / Spunbond Polypropylene	Serged	White	28" x 36"	100 / case



DISPOSABLE CLOTHING  
HIGH PERFORMANCE



# Breathable Advantage™

Petrochemical Industry / Refinery / Manufacturing  
Cleaning and Industrial Maintenance / Construction  
Automotive Refinishing / Pharmaceutical Industry  
Asbestos Removal / Waste Disposal



## PROTECTION AGAINST:



DRY  
PARTICULATES



STATIC  
BUILDUP



LIQUID SPRAYS  
AND SPLASHES



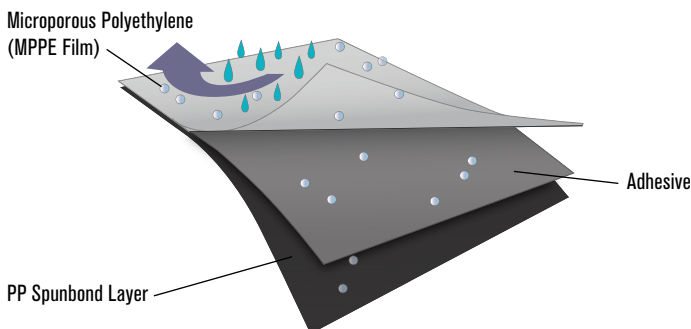
BLOOD  
PENETRATION



DIRT &  
DEBRIS

## MATERIAL COMPOSITION

PolyBreathe® Light material is a two-layer composite of microporous PE film (MPPE) adhesive bonded to SBPP. It has pores large enough for water vapor (sweat) to pass through, yet small enough to keep out water droplets. It is a breathable and cool material.



## TYPICAL PROPERTIES

PHYSICAL PROPERTY	TEST METHODS	UNITS	POSIWEAR® BA
<b>Strength</b>			
Weight	IST 1130.1	gsm	57.63/1.7oz
MD Tensile (Grab)	IST 110.1	lb/in	27.5
CD Tensile (Grab)	IST 110.1	lb/in	18.3
MD Elongation	IST 110.1	%	71.7
CD Elongation	IST 110.1	%	79.2
MD Tear Strength (Trapezoid)	IST 100.2	lb/in	7.3
CD Tear Strength (Trapezoid)	IST 100.2	lb/in	11.1
Bursting Strength (Mullen Burst)	IST 30.1	psi	32
<b>Barrier</b>			
Hydrostatic Head	IST 80.6-01 (testex)	cm	191.3
Static Decay (MD) (50%RH) NFPA 99	IST 40.2	sec	Pass
Resistance to Blood Penetration	ASTM	n/a	Pass
<b>Comfort</b>			
M.V.T.R.	IST 70.2	g/m <sup>2</sup> /day	2863



**3606**  
Coverall



**3622**  
Apron



**3614**  
Boot Cover



**3613**  
Shoe Cover

## FEATURES

- Protects against small dry particulates, light spray and liquid splash
- Breathable material
- ASTM 1670 for Blood Penetration Resistance
- NFPA 99 Anti-static
- Low lint

### Posiwear® Breathable Advantage™

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>3600</b>	Coverall	Zippered Front	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
<b>3602</b>	Coverall	Elastic Wrists and Ankles	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
<b>3606</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
<b>3609</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 / case
<b>3612</b>	Sleeve	-	Elastic	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	18"	200 / case
<b>3613</b>	Shoe Cover	-	Elastic	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	OS	200 / case
<b>3614</b>	Boot Cover	-	Elastic	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	OS	200 / case
<b>3616</b>	Pant	Elastic Waist	Elastic	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-4XL	50 / case
<b>3617</b>	Shirt	Snap Front Closure	Snap	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	L-3XL	50 / case
<b>3620</b>	Lab Coat	Snap Front Closure with 2 Pockets	Snap	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-4XL	30 / case
<b>3622</b>	Apron	-	Tied Waist	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	28" x 36"	100 / case



DISPOSABLE CLOTHING  
HIGH PERFORMANCE



M3™

Construction / Industrial Maintenance  
Waste Disposal / Food Processing  
Heavy Dust Environments / Manufacturing



**PROTECTION AGAINST:**



DRY PARTICULATES



LIQUID SPRAYS AND SPLASHES



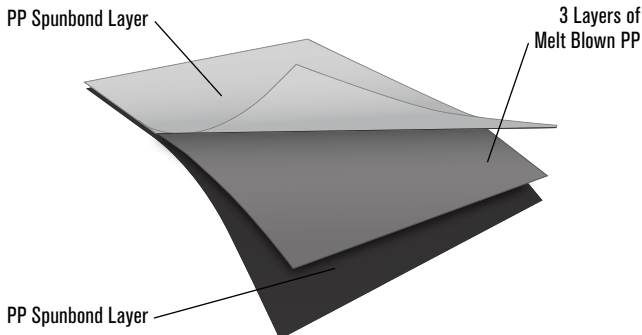
FOOD CONTAMINATION



DIRT & DEBRIS

**MATERIAL COMPOSITION**

Pentamax® consists of five layers of polypropylene for enhanced personal protection. There are two layers of spunbond polypropylene for strength and durability, sandwiching three layers of melt blown PP for higher barrier and filtration. The small fiber size and pore size makes this the perfect choice for protection against dry particulates and light liquid sprays.



**TYPICAL PROPERTIES**

DESCRIPTION	TEST METHODS	UNITS	POSIWEAR® M3
<b>Strength</b>			
Base Weight	IST 130.1	gsm	55/1.6oz/yd <sup>2</sup>
Grab Tensile	ASTM D5034	lb.	36.7
Trap Tear	ASTM D5733	lb.	6.5
Surface Resistance	IST 80.6	N	0.99
Impact Penetration	AATCC 42	gsm	0.05
<b>Barrier</b>			
Hydrostatic Pressure	AATCC 127	cm	85
<b>Comfort</b>			
Air Permeability	IST 70.1	cfm	38



**C3802**  
Coverall



**C3909**  
Coverall



**C3812**  
Sleeve



**C3817**  
Shirt



**C3816**  
Pant

## FEATURES

- Five layers provide a higher barrier against dry particulate and light liquid spray than standard SMS materials
- NFPA 99 Anti-static
- High level of breathability
- 21 CFR Compliant

### Posiwear® M3™

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>BC3817</b>	Shirt	Snap Front Closure	Snap	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Blue	M-7XL	50 / case
<b>C3800</b>	Coverall	Zippered Front	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-5XL	25 / case
<b>C3802</b>	Coverall	Elastic Wrists and Ankles	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-5XL	25 / case
<b>C3806</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-5XL	25 / case
<b>C3809</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-5XL	25 / case
<b>C3812</b>	Sleeve	---	Elastic	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	OS	200 / case
<b>C3813</b>	Shoe Cover	---	Elastic	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	OS	200 / case
<b>C3816</b>	Pant	Elastic Waist	Elastic	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	L-3XL	50 / case
<b>C3817</b>	Shirt	Snap Front Closure	Snap	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-4XL	50 / case
<b>C3818</b>	Lab Coat	Snap Front Closure	Snap	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-4XL	30 / case
<b>C3819</b>	Lab Coat	Snap Front Closure	Snap	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-6XL	30 / case
<b>C3820</b>	Lab Coat	Snap Front Closure with 2 Pockets	Snap	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	White	M-5XL	30 / case
<b>C3900</b>	Coverall	Zippered Front	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Gray	M-5XL	25 / case
<b>C3902</b>	Coverall	Elastic Wrists and Ankles	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Gray	M-4XL	25 / case
<b>C3906</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Gray	M-5XL	25 / case
<b>C3909</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Gray	L-5XL	25 / case
<b>C3913</b>	Shoe Cover	---	Elastic	Spunbond Polypropylene Double Layer / Melt Blown Polypropylene Triple Layer	Serged	Gray	OS	200 / case



# PE Laminated SBP

## PROTECTION AGAINST:



DRY  
PARTICULATES



LIGHT LIQUID  
SPASH AND SPRAY



DIRT &  
DEBRIS



**3406**  
Coverall



**U2510B**  
Apron

## MATERIAL COMPOSITION

The PE Laminated line is polypropylene with a polyethylene film that provides lightweight, comfortable protection against nonhazardous light spray and splash.

## FEATURES

- A single layer of spunbond polypropylene enhanced with polyethylene film for protection against non-hazardous particulates and liquids
- Strong and durable material
- Excellent barrier protection



**3763**  
Shoe Cover



**C3712**  
Sleeve

### PIP® PE Laminated SBP

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>3400</b>	Coverall	Zippered Front	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	L-5XL	25 cs
<b>3402</b>	Coverall	Elastic Wrists and Ankles	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	L-5XL	25 cs
<b>3406</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	L-5XL	25 cs
<b>3409</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Polyethylene Film / Spunbond Polypropylene	Serged	White	L-5XL	25 cs
<b>3763</b>	Shoe Cover	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	One Size	200 cs
<b>3764</b>	Boot Cover	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	One Size	200 cs
<b>C3712</b>	Sleeve	-	Elastic	Polyethylene Film / Spunbond Polypropylene	Serged	White	One Size	200 cs
<b>U2510B</b>	Apron	-	Tied Waist	Polyethylene Film / Spunbond Polypropylene	Serged	Blue	One Size	100 cs



PIP

MPPE SBP

## PROTECTION AGAINST:

DRY  
PARTICULATESLIGHT  
LIQUID SPRAYDIRT &  
DEBRIS

## MATERIAL COMPOSITION

This fabric has a layer of microporous polyethylene (MPPE) film bonded to a layer of spunbond polypropylene (SBP). The breathable microporous material protects against dry particulates and liquid sprays. A lighter, lower-cost alternative to the Posiwear® Breathable Advantage line, which offers better protection due to a smaller pore size in the film.

## FEATURES

- Microporous polyethylene film bonded to a single layer of polypropylene
- Film pores allow vapor to evaporate while protecting against liquid sprays and particulates
- Provides reliable barrier protection against non-hazardous liquid sprays and particulates while keeping the user comfortable

Light, breathable protection  
against liquid splash and sprays

**3652**  
Coverall

## PIP® MPPE SBP

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>3652</b>	Coverall	Elastic Wrists and Ankles	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3650</b>	Coverall	Zippered Front	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3656</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3659</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Microporous Polyethylene Film / Spunbond Polypropylene	Serged	White	M-5XL	25 cs



PIP

SMS



PROTECTION AGAINST:



DRY  
PARTICULATES



LIGHT  
LIQUID SPRAY



DIRT &  
DEBRIS



**C3852**  
Coverall



**C3859**  
Coverall

MATERIAL COMPOSITION

Spunbond/melt blown/spunbond (SMS) technology provides three layers of filtration and durability for a high level of breathability and protection against non-hazardous dry particulates and light liquid sprays and splashes.

FEATURES

- Lightweight polypropylene filtration layer between double layers of durable polypropylene
- Comfortable and breathable garment with three layers of filtration
- Protects against non-hazardous dry particulates and light liquid sprays and splashes

Three bonded layers  
for durable filtration

PIP® SMS

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>BC3852</b>	Coverall	Elastic Wrists and Ankles	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	Blue	M-5XL	25 cs
<b>BC3856</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	Blue	M-5XL	25 cs
<b>C3850</b>	Coverall	Zippered Front	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	White	M-5XL	25 cs
<b>C3852</b>	Coverall	Elastic Wrists and Ankles	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	White	M-5XL	25 cs
<b>C3856</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	White	M-5XL	25 cs
<b>C3859</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Spunbond / Melt-Blown / Spunbond	Serged	White	M-5XL	25 cs



PIP

SBP



**PROTECTION AGAINST:**



DRY PARTICULATES



LIGHT LIQUID SPRAY



DIRT & DEBRIS



**MATERIAL COMPOSITION**

Spunbond polypropylene (SBP) disposable clothing is strong and durable, providing affordable, lightweight protection against non-hazardous dry particulates. It comes in two different gram weights – standard and heavyweight.

**FEATURES**

- Spunbond polypropylene double layers for increased strength and durability
- Economic protection against non-hazardous dry particulates



**3515**  
Shirt

**3512LB**  
Lab Coat

**3506**  
Coverall

**PIP® SBP**

STYLE NUMBER	GARMENT	CONFIGURATION	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>3500</b>	Coverall	Zippered Front	Zipper	Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3502</b>	Coverall	Elastic Wrists and Ankles	Zipper	Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3506</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3509</b>	Coverall	Elastic Wrists, Hood and Boots	Zipper	Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>3511</b>	Lab Coat	Snap Front Closure with 2 Pockets	Snap	Spunbond Polypropylene	Serged	White	M-5XL	30 cs
<b>3511B</b>	Lab Coat	Snap Front Closure	Snap	Spunbond Polypropylene	Serged	Blue	M-5XL	30 cs
<b>3512</b>	Lab Coat	Snap Front Closure with Elastic Wrists	Snap	Spunbond Polypropylene	Serged	White	M-5XL	30 cs
<b>3512LB</b>	Lab Coat	Snap Front Closure with Elastic Wrists	Snap	Spunbond Polypropylene	Serged	Light Blue	M-5XL	30 cs
<b>3514</b>	Lab Coat	Snap Front Closure with 2 Pockets	Snap	Spunbond Polypropylene	Serged	White	M-5XL	30 cs
<b>3515</b>	Shirt	Snap Front Closure	Snap	Spunbond Polypropylene	Serged	White	M-4XL	50 cs
<b>3516</b>	Pants	Elastic Waist	Elastic	Spunbond Polypropylene	Serged	White	M-5XL	50 cs
<b>3518</b>	Shoe Cover	-	Elastic	Polypropylene	Serged	White	OS	200/case
<b>3518BNS</b>	Shoe Cover	-	Elastic	Spunbond Polypropylene	Serged	Blue	One Size	200 cs
<b>3519</b>	Boot Cover	-	Elastic	Spunbond Polypropylene	Serged	White	One Size	200 cs
<b>3575</b>	Coverall	Zippered Front	Zipper	Spunbond Polypropylene	Serged	Navy	M-5XL	25 cs
<b>3584</b>	Coverall	Elastic Wrists and Ankles with Hood	Zipper	Spunbond Polypropylene	Serged	Navy	M-5XL	25 cs
<b>C3828</b>	Lab Coat	Snap Front Closure with Knit Wrists	Snap	Spunbond Polypropylene	Serged	White	M-5XL	25 cs
<b>U2010</b>	Boxer Shorts	Elastic Waist	Elastic	Spunbond Polypropylene	Serged	White	One Size	100 cs
<b>U2400B</b>	Sleeve	-	Elastic	Polypropylene	Serged	Blue	OS	200/case
<b>USK-065</b>	Smock	Tied Waist, Elastic Wrist	Tied Waist	Spunbond Polypropylene	Serged	White	One Size	50 cs



# Disposable Accessories

## HAIR AND BEARD COVERINGS



COMPLIES WITH FEDERAL REGULATIONS FOR FOOD CONTACT: 21 CFR, 170-199

**UB-1000B**  
Bouffant

**UBC-1000B**  
Beard Cover

## BODY PROTECTION



**USK-065**  
Smock

**24PE**  
Sleeve

### Hair and Beard Coverings

STYLE NUMBER	GARMENT	CLOSURE	MATERIAL	COLOR	SIZE	PACKAGING
<b>UB-1000</b>	Bouffant	Elastic	Spunbond Polypropylene	White	18", 21", 24", 28"	1000/case
<b>UB-1000B</b>	Bouffant	Elastic	Spunbond Polypropylene	Blue	21", 24"	1000/case
<b>UB-1000G</b>	Bouffant	Elastic	Spunbond Polypropylene	Green	21", 24"	1000/case
<b>UB-1000R</b>	Bouffant	Elastic	Spunbond Polypropylene	Red	21", 24"	1000/case
<b>UB-1000OR</b>	Bouffant	Elastic	Spunbond Polypropylene	Orange	21"	1000/case
<b>UBC-1000</b>	Beard Cover	Elastic	Spunbond Polypropylene	White	18"	1000/case
<b>UBC-1000B</b>	Beard Cover	Elastic	Spunbond Polypropylene	Blue	18"	1000/case
<b>UC-1000</b>	Hair Net	Elastic	Nylon	White	18", 21", 24", 28"	1000/case
<b>UCBC-1000</b>	Beard Cover	Elastic	Nylon	White	19"	1000/case
<b>UCBLK-1000</b>	Hair Net	Elastic	Nylon	Black	21", 24"	1000/case
<b>UP-1000</b>	Bouffant - Pleated	Elastic	Spunbond Polypropylene	White	21", 24"	1000/case

### Body Protection

STYLE NUMBER	GARMENT	CLOSURE	MATERIAL	SEAM TYPE	COLOR	SIZE	PACKAGING
<b>2416PE</b>	Sleeve	Elastic	Polyethylene	Serged	White	16"	1000 cs
<b>2418PE</b>	Sleeve	Elastic	Polyethylene	Serged	White	18"	1000 cs
<b>2418PEB</b>	Sleeve	Elastic	Polyethylene	Serged	Blue	18"	1000/case
<b>2418PEY</b>	Sleeve	Elastic	Polyethylene	Serged	Yellow	18"	1000 cs
<b>2846PE</b>	Apron - 1 mil	Tied Waist	Polyethylene	No Seams	White	28" x 46"	1000/case
<b>24PE</b>	Sleeve	Elastic	Polyethylene	Serged	White	16"-18"	1000/case
<b>24PEY</b>	Sleeve	Elastic	Polyethylene	Serged	Yellow	18"	1000/case
<b>DP-46</b>	Apron - 1.5 mil	Tied Waist	Polyethylene	No Seams	White	28" x 46"	100/box
<b>DP-55</b>	Apron - 1.5 mil	Tied Waist	Polyethylene	No Seams	White	28" x 55"	100/box





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