

PROTECTIVE WORKWEAR

BARRIERTECH PROVEK COVERALLS

PRODUCT DATA SHEET: DOWP(SIZE)



PRODUCT CODE:
DOWP(SIZE)



FEATURES AND BENEFITS

- Light and durable material. 3-panel hood is designed to fit when wearing respirator and goggles.
- Elasticated wrists and ankles to keep particulates out.
- Optimized Body Fit Improves wearer comfort and safety, reduce the risk of seams splitting when bending, sitting or crawling.
- Air and water vapour permeable to help reduce the risk of heat stress
- Silicone free



AVAILABLE IN

| PRODUCT CODE | COLOUR | UOM | MOQ | CTN QTY |
|--------------|--------|------|--------|---------|
| DOWP(SIZE) | WHITE | EACH | 5/size | 50 |

PRODUCT DETAILS

Material: Microporous film 58g/m2
Seam: 4 Thread Overlock/Serged Seam
Openings: Elasticated hood, ankles, cuffs and waist
Zipper: 2 way zipper with flap
Hood: 3-panel hood
Sizes: S-4XL

APPLICATIONS

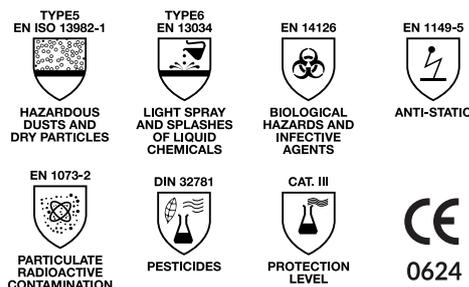
Aerospace, Gas, Railway, Engineering, Automotive, Metal, Utilities, Chemical Handling, Petrochemical, Welding, Asbestos Handling, Automotive, Civil Protection, Construction, Decorative Work, Waste Management, Agriculture, Food Processing.

STANDARDS

- Reliable protection against splashes of blood, bodily fluids, and infectious materials.
- Barrier against direct penetration of viruses and bacteria.
- Protection from particles, including asbestos, silica, and other dangerous particles.
- Resistant to limited liquid sprays, safeguarding against light exposure to hazardous liquids.
- Anti-static properties according to EN1149 standards, minimizing the accumulation of static charge.
- Ensures protection against particles contaminated with radioactivity to level 1 as per EN 1073:2002 guidelines.

CE CATEGORY:

CAT III - Protective clothing for high risk in accordance with:
TYPE 5 EN ISO 13982-1 - Hazardous dusts and dry particles
TYPE 6 EN 13034 - Light spray and splashes of liquid chemicals
EN 1073-2 - Particulate radioactive contamination
EN 1149-5 - Anti-Static
EN 14126 - Biological hazards and infective agents
DIN 32781 - Pesticides



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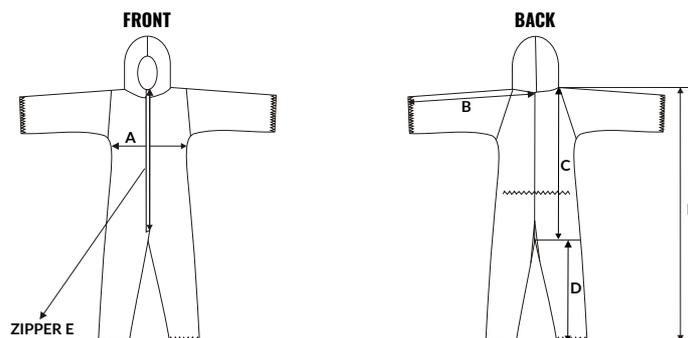
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PRO
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PHYSICAL DIMENSIONS



BARRIERTECH
PRO

| UNITS | SIZE | S | M | L | XL | 2XL | 3XL | 4XL | TOLERANCE |
|-------|--------------------|-----|------|-----|------|-----|------|-----|-----------|
| A | CHEST | 58 | 61 | 64 | 67 | 70 | 73 | 76 | ±2.0 |
| B | SLEEVE OUT SEAM | 87 | 88.5 | 92 | 93.5 | 95 | 96.5 | 98 | ±1.0 |
| C | SHOULDER TO CROTCH | 86 | 89 | 92 | 95 | 98 | 101 | 104 | ±1.5 |
| D | LEG LENGTH | 74 | 76 | 78 | 80 | 82 | 84 | 86 | ±1.5 |
| E | ZIPPER | 75 | 75 | 80 | 80 | 85 | 85 | 90 | ±2.0 |
| F | FULL LENGTH | 160 | 165 | 170 | 175 | 180 | 185 | 190 | ±2.0 |

TECHNICAL DATA

| FABRIC PHYSICAL PROPERTIES | TEST METHOD | RESULT | CLASS |
|--|---|----------------------------|------------|
| Abrasion Resistance | EN 530 | >10 cycles | Class 1 |
| Flex Cracking Resistance | EN ISO 7854/B | >5,000cycles | Class 3 |
| Trapezoidal Tear Resistance | MD CD EN ISO 9073-4 | >40 N >20 N | Class 2 |
| Tensile Strength | MD CD EN ISO 13934-1 | >60 N >30 N | Class 1 |
| Puncture Resistance | EN 863 | >5 N | Class 1 |
| Seam Strength | EN ISO 13935-2 | >125 N | Class 4 |
| Antistaticity | EN 1149-5 | Pass | |
| pH Value | BS 3266 | Pass | |
| Resistance to Ignition | EN 13274-4 | Pass | |
| Water Vapour Resistance[Ret] | EN ISO 11092 | 9.3 m ² *Pa / W | |
| FABRIC CHEMICAL PROPERTIES | TEST METHOD | PENETRATION | REPELLENCY |
| Sulphuric acid 30% | EN 6530 | Class 3 | Class 3 |
| Sodium Hydroxide 10% | EN 6530 | Class 3 | Class 3 |
| AGAINST INFECTIVE AGENTS WITH EN 14126 | TEST METHOD | RESULT | CLASS |
| Resistance to penetration by blood / fluids | ISO 16603 | Pass to 20kPa | Class 6 |
| Resistance to penetration by blood-borne pathogens | ISO 16604 | Pass to 0.0kPa | Class 1 |
| Resistance to wet microbial penetration | ISO 22610 | No penetration | Class 6 |
| Resistance to liquid aerosol penetration | ISO/DIS 22611 | No penetration | Class 3 |
| Resistance to dry microbial penetration | ISO 22612 | No penetration | Class 3 |
| SUIT PERFORMANCE OF CHEMICAL PROTECTIVE CLOTHING | TEST METHOD | RESULT | CLASS |
| Type 5 | Inward Leakage Test | Pass | |
| Type 6 | Low Level Spray Test | Pass | |
| EN 1073-2 | Protective Clothing Against Radioactive Contamination | | Class 1 |

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