

DuPont™ Tyvek®

The best balance of protection, durability and comfort

With Tyvek®, you don't have to compromise. That's because Tyvek® delivers the best balance of protection, durability and comfort. Made using a proprietary manufacturing process, Tyvek® features an inherent barrier. So, unlike other protective apparel fabrics, which have either a film or coating that can be easily scratched or worn away, Tyvek® provides barrier through the entire fabric. As a result, your protection is not compromised unless the fabric has been completely torn—which isn't easy to do because of the strength and durability of Tyvek®. Make sure you're getting Tyvek®. Ask for it by name.

Barrier Protection You Can Trust, Durability That Isn't Easily Compromised

- Tyvek® is the industry standard for dry particulate barriers. Microscopic particles as small as 0.5 microns can't pass through Tyvek®—even after it's been abraded.
- Tyvek® is an inherent barrier—not easily scratched or worn away.

Comfort You'd Never Expect

Standing still, your body radiates heat and moisture vapor. So, it's no surprise that working in protective apparel that can't breathe escalates the problem dramatically and can affect productivity. It's called heat stress. And, it can seriously compromise your safety, especially in hazardous environments.

- Tyvek® lets air and moisture vapor pass through.
- Tyvek® is anti-static treated.
- Tyvek® breathes. Breathability is a key factor in reducing heat stress.
- Tyvek® is six times more breathable than microporous film garment materials.
- Tyvek® SoftWear™ is even more comfortable and four times as breathable as traditional Tyvek®.
- Tyvek® SoftWear™ has a dramatically softer feel.

Proven Performance and Quality

At DuPont Personal Protection, our goal is to combine scientific innovation with material, garment and manufacturing knowledge to create protective apparel that helps the people who wear PPE perform at their best. Both DuPont manufacturing facilities are certified to ISO 9001:1994.

Garment Styles To Meet Your Needs

- Tyvek® is available in a wide variety of garment styles, such as coveralls, labcoats, smocks and aprons.
- Tyvek® SoftWear™ is available in four coverall styles.

Wide Range of Applications

- General Maintenance Operations
- Construction & Agricultural
- Lead & Asbestos Abatement
- Environmental Clean-up
- Modesty Garments (Hospitals & Police)
- Environments where cross contamination is an issue
- Spray Painting
- Food Processing
- Mold Remediation
- Abrasive Blasting
- Forensics



The miracles of science™

Tyvek® and Tyvek® SoftWear™

Physical Properties

PROPERTY	UNITS	TYVEK®	TYVEK® SOFTWEAR™
Basis Weight	oz/yd ²	1.2	1.2
Thickness	mils	5.4	6.0
Tongue Tear, MD	lbf	2.2	2.2
Tongue Tear, CD	lbf	2.3	2.2
Strip Tensile, MD	lbf	7.9	7.9
Strip Tensile, CD	lbf	8.7	8.1
Mullen Burst	psi	50	55
Porosity	l/m ² /min/mm H ₂ O	3.0	18.6
Static-Log R	log ohms	<9.8	<9.8
Flammability	16 CFR 1610	Class 1	Class 1

INDEX OF CODES:

< = less than

These results are measured using the latest ASTM test methods. Results will vary due to the changes in test methods. A true test of performance is in use.

This information is based upon technical data that DuPont believes to be reliable. It is subject to revision as additional knowledge and experience are gained. DuPont makes no guarantee of results and assumes no obligation or liability in connection with this information.

It is the user's responsibility to determine the level of toxicity and the proper personal protective equipment needed. The information set forth herein reflects laboratory performance of fabrics, not complete garments, under controlled conditions. It is intended for information use by persons having technical skill for evaluation under their specific end-use conditions, at their own discretion and risk.

Anyone intending to use this information should first verify that the garment selected is suitable for the intended use. In many cases, seams and closures have shorter breakthrough times and higher permeation rates than the fabric. Please contact the garment manufacturer for specific data. If fabric becomes torn, abraded or punctured, end user should discontinue use of garment to avoid potential exposure to chemical. SINCE CONDITIONS OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE AND ASSUME NO LIABILITY WHATSOEVER IN CONNECTION WITH ANY USE OF THIS INFORMATION.

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WARNINGS:

- 1) Tyvek® is not flame-resistant and should not be used around heat, flame, sparks or in potentially flammable or explosive environments.
- 2) Garments made of Tyvek® should have slip-resistant or antislip materials on the outer surface of boots, shoe covers or other garment surfaces in conditions where slipping could occur.

For more information:

Visit our website at:

www.PersonalProtection.DuPont.com

DuPont Personal Protection

Fax-On-Demand Service at 1-800-558-9329

DuPont manufactures a complete line of garments for personal protection.

For more information, call **1-800-931-3456**

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 *The miracles of science™*