Tyvek® 400 - An Ideal Balance of Protection, Durability, and Comfort

DuPont™ Tyvek® 400 Coverall. Comfort Fit Design. Respirator Fit Hood. Elastic Wrists. Optional attached Skid-Resistant Boots. Elastic Waist. Serged Seams. White.

Features & Product Details

Tyvek® 400 garments are composed of flash-spun high density polyethylene, creating a unique, nonwoven material available only from DuPont. Tyvek® 400 provides an ideal balance of protection, durability, and comfort of any limited-use fabric technology.

Tyvek® 400 fabric offers an inherent barrier against particles (down to 1.0 microns in size). Protection is built into the fabric; no films or laminates can abrade or wear away. Tyvek® 400 fabric's durability advantage over microporous film fabrics delivers consistently better barrier, even after wear and abrasion.

Applications include lead and asbestos abatement/remediation, general maintenance/operations, spray painting, and general clean-up.

- Comfort fit design based on extensive wearer input to provide our most comfortable garment design that: enables a greater range of movement while stretching and bending, provides a more tailored fit, offers reinforcement in high-stress areas for fewer blowouts, utilizes a longer zipper for easier donning and doffing and an elastic waist to better position the garment. (inactive)
- Attached respirator-fit hood with elastic around the face opening, designed to cover the neck and chin and fit around the respirator face mask
- The longer zipper extends to the chin for complete coverage of the neck area.
- Elastic opening for tighter fit at wrist
- Attached Tyvek® FC boots (Optional with some models) have a special coating to provide added skid-resistance

Tyvek® 400 Applications

Non-hazardous	
Particles	General dirt & grime, Animal waste and Sanding and grinding waste
Aerosol	Spray paint
Light liquid splash	Oil & grease, Lubricants, Fertilizer and Sewage

Hazardous	
Particles	Fertilizer, Pesticides, Asbestos, Lead, Chromium, Beryllium, Mould, Fiberglass, Carbon and Radioactive particles
Aerosol	Isocyanate containing

Other relevant information about Tyvek® 400

1. What is the shelf life of Tyvek® 400 garments?

High temperature, oxidizing gases, wet, cold, ultraviolet, and ionizing radiation can significantly impact the long-term life of garments made of Tyvek®. The antistatic properties may reduce over time. The user must ensure that the dissipative performance is sufficient for the application. DuPont suggests that Tyvek® garments be used within 5 years of receipt, provided they are appropriately stored and pass a complete visual inspection.

2. Can Tyvek® 400 garments be recycled, and how can I dispose of Tyvek® 400 garments?

If not contaminated, Tyvek® 400 garments can be recycled. Tyvek® 400 garments may be landfilled or incinerated per local regulations. Uncontaminated chemical protective garments may be incinerated in a facility capable of handling plastic mixtures or buried in a facility that accepts plastic materials.

Contaminated garments that cannot be handled safely without protective equipment must be disposed of with other hazardous wastes through incineration or landfill per local regulations. Before discarding, cut off a sleeve or a leg so the garments cannot be worn again as protective clothing.

3. Can these Tyvek® 400 garments be worn in cleanroom applications?

DuPont offers a complete line of specially manufactured, processed, and packaged apparel for use in controlled environments. Tyvek® 400 garments have not been designed for controlled environment applications. Please see our complete line of controlled environment products.

4. Are Tyvek® 400 garments anti-static or static dissipative?

Tyvek® 400 garments are treated to minimize static build up and cling. When static dissipation is crucial, assess the entire ensemble and use proper grounding devices. In certain conditions, garments may discharge static electricity, which can be dangerous in flammable environments. Take precautions, but not limited to, like using water spray, overcovers, increasing humidity, applying anti-static coatings, and grounding straps. Test static dissipation before entering classified areas.

Do not wear Tyvek® 400 garments in flammable or explosive atmospheres. Don't enter areas with combustible gas concentrations while wearing them. If in a potentially flammable environment, retreat immediately.

5. Are Tyvek® 400 garments flame-resistant or flame retardant (FR)?

No, Tyvek® 400 garments are not flame resistant or flame retardant and should not be used around heat, flame, sparks, or potentially flammable or explosive environments. Tyvek® 400 garments will ignite and continue to burn and melt.

In addition, Tyvek® 400 garments should not be worn under or over a garment made of Nomex® or any other flame resistant fabric if the potential of a fire or electric arc exists.

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6. Are Tyvek® 400 garments latex free?

Tyvek® 400 garments are manufactured under specifications excluding natural rubber latex components.

7. Is it possible to wash and re-use Tyvek® 400 garments?

DuPont does not recommend washing Tyvek® 400 garments for re-use. These garments are designed for limited use and can be worn until damaged, altered, or contaminated.

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8. How should Tyvek® 400 garments be stored?

Store Tyvek® 400 garments in a cool, dark, dry location free of dirt and insects. Sunlight, ozone, high temperatures (>120°F; 49°C), vehicle exhaust fumes, compression under heavy weights, and sharp edges or projections are some conditions known to degrade the materials in these garments.

Store Tyvek® 400 garments in boxes, bags, or hangers. Never step on protective garments. Never place or store heavy objects on top of protective garments.

Tyvek® 400 by DuPont is a protective coverall made from high-density polyethylene, offering an ideal balance of protection, durability, and comfort. It provides an inherent barrier against particles, has a comfort fit design, and is suitable for various applications. Not recommended for cleanrooms or flammable environments. Should be used within 5 years of receipt and can be recycled if uncontaminated. Avoid washing and reusing. Store in a cool, dry place away from degrading conditions.

DuPont™ SafeSPEC™ - we're here to help

Our powerful web-based tool can assist you with finding the appropriate DuPont garments for chemical, controlled environment, thermal and mechanical hazards.

Certified Industrial Hygienist team

A DuPont Certified Industrial Hygienist can conduct a job hazard assessment to help you determine the best DuPont garment for a specific hazard.

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