

Item Number:

**221269****ActivGARD® DT DuPont™ Tyvek®****Protective Coverall w/Open Wrists & Ankles****Features and Benefits:**

ActivGard® DT garments are composed of Tyvek 400 flash spun high density polyethylene which creates a unique, nonwoven material available only from DuPont. ActivGard® DT provides an ideal balance of protection, durability and comfort of any limited use fabric technology. ActivGard® DT fabric offers an inherent barrier against particles (down to 1.0 micron in size). Protection is built into the fabric itself; there are no films or laminates to abrade or wear away. ActivGard® DT 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, 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
  - Elastic waist to better position the garment
- Laydown collar
- Tested and proven in the harshest work environments with recorded results

**Technical Data**

|             |                                 |
|-------------|---------------------------------|
| Fabric:     | DuPont Tyvek® 400               |
| Style:      | Coverall w/open wrists & ankles |
| Seam:       | Serged                          |
| Color:      | White                           |
| Sizes:      | MD, LG, XL, 2XL, 3XL, 4XL, 5XL  |
| Case Count: | 25 per case                     |
| COO:        | Vietnam                         |

**Sizing**

| Size | Sleeve Length | Chest Width | Inseam | Fits Chest | Fits Height |
|------|---------------|-------------|--------|------------|-------------|
| MD   | 34            | 25          | 28½    | 36¾-40¼    | 5'3"-5'7"   |
| LG   | 35½           | 26½         | 29½    | 39¾-43¼    | 5'5"-5'9"   |
| XL   | 37            | 28          | 30     | 42¾-46¼    | 5'8"-6'2"   |
| 2XL  | 38½           | 29¼         | 31     | 45¼-48¾    | 6'0"-6'4"   |
| 3XL  | 38½           | 31¼         | 32     | 49¼-52¾    | 6'2"-6'4"   |
| 4XL  | 39            | 33          | 33     | 52¾-56¼    | 6'4"-6'7"   |
| 5XL  | 40            | 34½         | 34     | 55¾-59¼    | 6'7"-6'10"  |

\*Typical values, not specifications.

**Elastic Waist****Longer Zipper****Serged Seams**

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**Fabric Data: Physical Properties - Typical Values**

| Property:                         | Test Method: | Result:                           |
|-----------------------------------|--------------|-----------------------------------|
| Thickness                         | ASTM D1777   | 5.9 mils                          |
| Basis Weight                      | ASTM D3776   | 1.2 oz/yd <sup>2</sup>            |
| Burst Strength - Mullen           | ASTM D774    | 50 psi                            |
| Tear Resistance - Trap Tear (MD)  | ASTM D5733   | 6 lbf                             |
| Tear Resistance - Trap Tear (CD)  | ASTM D5733   | 5 lbf                             |
| Breaking Strength - Grab (MD)     | ASTM D5034   | 18 lbf/in                         |
| Breaking Strength - Grab (CD)     | ASTM D5034   | 22 lbf/in                         |
| Hydrostatic Head                  | AATCC 127    | 45 inches H <sub>2</sub> O        |
| Surface Resistivity (25°C/55% RH) | ASTM D257    | <6.3 x10 <sup>9</sup> ohms/square |
| Wearing Apparel Flammability      | 16 CFR 1610  | Class 1                           |

**Fabric Data: Chemical Resistance Data**

| Hazard/Chemical Name:                                  | CAS #:    | Phase: | Breakthrough Time/Performance<br>(Average normalized to 0.1ug/cm <sup>2</sup> /min) |
|--------------------------------------------------------|-----------|--------|-------------------------------------------------------------------------------------|
| Animal Waste (non-hazardous; solid)                    | unknown   | Solid  | May be Suitable for Use                                                             |
| Asbestos (all forms)                                   | 1332-21-4 | Solid  | May be Suitable for Use                                                             |
| Beryllium                                              | 7440-41-7 | Solid  | May be Suitable for Use                                                             |
| Biological fluids w/potentially infectious diseases    | unknown   | Liquid | May be Suitable for Use                                                             |
| Blood                                                  | unknown   | Liquid | May be Suitable for Use                                                             |
| Blood w/potentially infectious diseases                | unknown   | Liquid | May be Suitable for Use                                                             |
| Bodily fluids                                          | unknown   | Liquid | May be Suitable for Use                                                             |
| Bodily fluids w/potentially infectious diseases        | unknown   | Liquid | May be Suitable for Use                                                             |
| Crude oil on wildlife                                  | mixture   | Liquid | May be Suitable for Use                                                             |
| Dirt (general)                                         | unknown   | Solid  | May be Suitable for Use                                                             |
| Feces (solid)                                          | unknown   | Solid  | May be Suitable for Use                                                             |
| Fertilizer (general; solid form)                       | unknown   | Solid  | May be Suitable for Use                                                             |
| Fiberglass                                             | unknown   | Solid  | May be Suitable for Use                                                             |
| Fungicide (general; solid form)                        | unknown   | Solid  | May be Suitable for Use                                                             |
| Grease (general)                                       | unknown   | Liquid | May be Suitable for Use                                                             |
| Hazardous particles (larger than 1 micron in size)     | unknown   | Solid  | May be Suitable for Use                                                             |
| Herbicide (general; solid form)                        | unknown   | Solid  | May be Suitable for Use                                                             |
| Insecticide (general; solid form)                      | unknown   | Solid  | May be Suitable for Use                                                             |
| Lead                                                   | 7439-92-1 | Solid  | May be Suitable for Use                                                             |
| Lime                                                   | mixture   | Solid  | May be Suitable for Use                                                             |
| Mold spores                                            | unknown   | Solid  | May be Suitable for Use                                                             |
| Non-hazardous particles (larger than 1 micron in size) | unknown   | Solid  | May be Suitable for Use                                                             |
| Pesticide (general; solid form)                        | unknown   | Solid  | May be Suitable for Use                                                             |
| Radioactive particles                                  | unknown   | Solid  | May be Suitable for Use                                                             |
| Sewage                                                 | unknown   | Liquid | May be Suitable for Use                                                             |
| Tar balls                                              | unknown   | Solid  | May be Suitable for Use                                                             |

**Special Warnings:**

- \*Serged and bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.
- \*Liquid barrier performance varies based on the amount of liquid that may get on the garment, the length of time the liquid is on the garment, applied pressure and certain physical properties of the liquid. Tyvek® 400, Tyvek® 400 D, ProShield®, ProShield® 10, ProShield® 60, Tyvek® 400 FC, and ProShield® 70 garments are not appropriate if during use they are getting wet (liquid is dripping or running, or is wet to the touch) or if spotting is observed on skin or garments worn under the protective garment. Tyvek® 500 and Tyvek® 600 offer improved liquid barrier, but may not be appropriate if spotting is observed on the skin or garments worn under the protective garment. In applications where a higher liquid barrier is needed, consider Tychem® 2000 and Tychem® 4000 garments with taped seams.
- \*Tyvek® 600 and Tyvek® 500 fabric have different fabric physical properties and improved chemical resistance properties than standard Tyvek® 400 garments.
- \*\*Garments made using Tyvek® 400, Tyvek® 500, Tyvek® 600, and Tyvek® 800J fabrics will burn and possibly melt. None of these garments should be worn near heat, open flames, sparks, or any other possible ignition source nor should they be worn in potentially explosive or flammable environments. If these garments do burn or melt while being worn, it may increase the severity of burn injuries even when worn over garments which are flame resistant, including, but not limited to, Nomex® IIIA or Nomex® Comfort garments.
- \*CAUTION: 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 nature and level of hazards 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 penetration rates than the fabric. Please contact DuPont for specific data. These garments are intended for limited use and should be disposed of after single use. If fabric becomes torn, abraded or punctured, or if seams or closures fail, or if attached gloves, visors, etc are damaged, end user should discontinue use of garment to avoid potential exposure.

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