



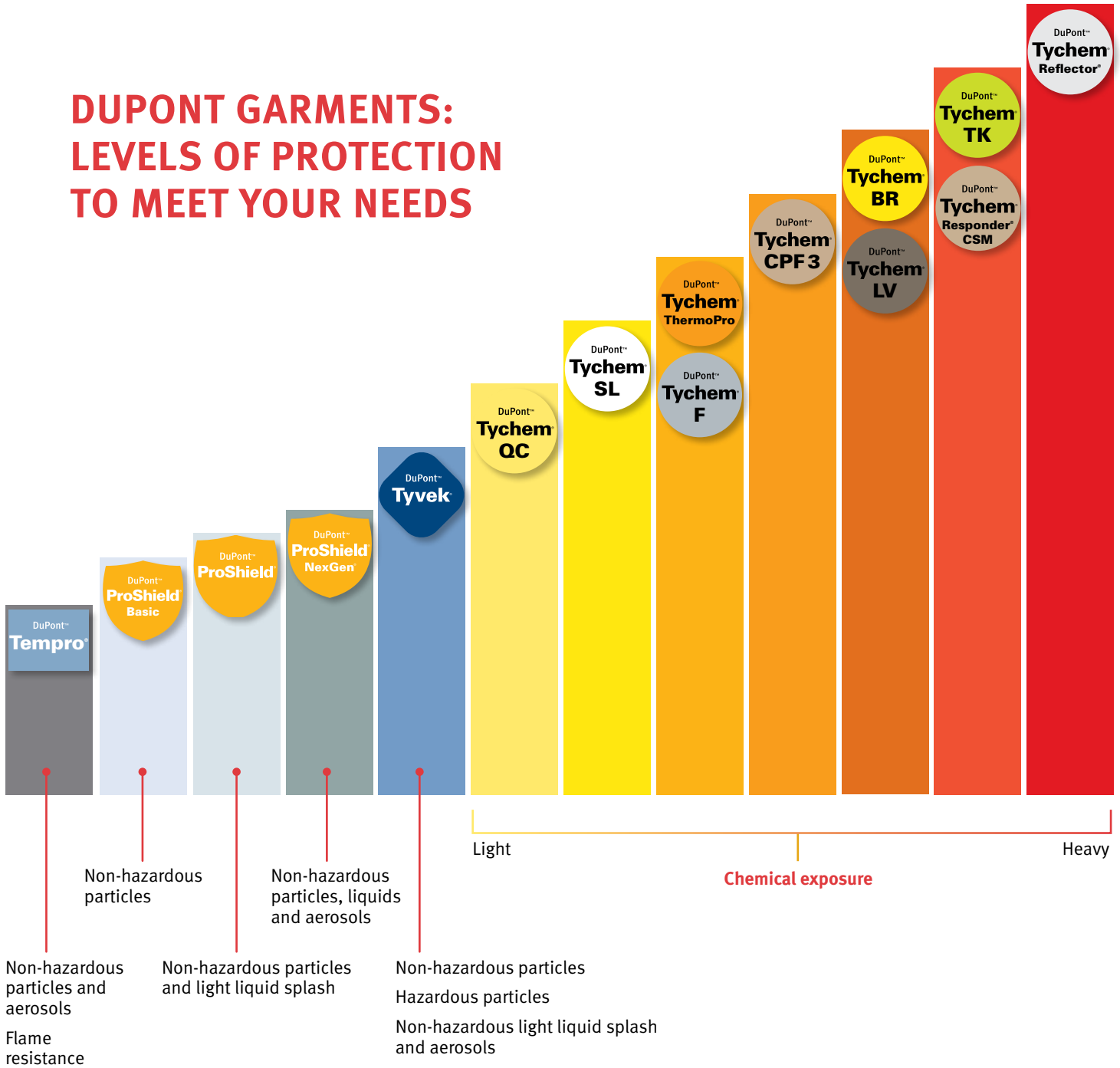
The miracles of science™

DUPONT PERSONAL PROTECTION

Product Catalog
2013 | Version 1



DUPONT GARMENTS: LEVELS OF PROTECTION TO MEET YOUR NEEDS



DuPont™ SafeSPEC™ 2.0

Different jobs require different levels of protective clothing. DuPont Personal Protection offers a wide range of protective clothing to address those varying needs.

Visit www.SafeSPEC.DuPont.com to search by industry or hazard to help you select a garment.

CHOOSING A GARMENT

Before searching for an appropriate chemical protective garment, a detailed assessment of the nature of the hazard and the working environment is needed. There are different factors like concentration, temperature, pressure and the work environment that should be matched to the garment's fabric, design and seam construction.

FABRIC

No matter what the brand or trade name, almost all limited use protective apparel products can be classified into one of a few general fabric technologies. It is important to understand the performance attributes of the fabric being used for a given application. Why? Not all fabrics used in chemical protective garments are the same. From exclusive DuPont technologies, such as DuPont™ Tychem® and DuPont™ Tyvek® to high-quality SMS and microporous film fabrics, DuPont offers a variety of fabrics with different levels of comfort, durability, breathability and protection to meet your specific needs.

In order to select the appropriate protective garment, it is crucial to know how well the fabric used in the garment provides a barrier to specific hazardous materials. Testing

for chemical protective fabrics can be divided into two primary categories: 1) penetration testing—appropriate for particle hazards and 2) permeation testing—appropriate for liquid and gaseous hazards. Penetration occurs when there is bulk movement of a material through a pore, hole, gap or defect in the fabric and is the proper method to evaluate particle barrier. Permeation, on the other hand, occurs when there is movement of the material through the barrier fabric on a molecular level. It is possible for a liquid or vapor to permeate through a fabric even when there is no observed opening in the fabric. Permeation testing is a more sensitive and representative way of characterizing the interaction of liquids and gases with the barrier fabric. Permeation testing is critical for fabrics that are exposed to hazardous liquids, vapors or gases.

FABRIC TECHNOLOGIES TYPICALLY USED IN PROTECTIVE GARMENTS

All images are magnified

EXCLUSIVE DUPONT TECHNOLOGIES

Increase Fabric Performance

DuPont™ Tychem®
Chemical barrier fabrics specifically engineered for protection over a range of hazards.

DuPont™ Tyvek®
Made only by DuPont, it offers superior protection and durability. Tyvek® is 100% high-density polyethylene fibers entangled into a protective material—with no fillers or thin films to wear away.

Microporous Films (SF or MF)
Bi-laminate with a thin microporous film layer on a spunbonded polypropylene nonwoven, these fabrics offer limited durability—barrier protection is lost when the film layer is abraded.


Spunbond-Meltblown-Spunbond (SMS)
SMS fabrics rely on the meltblown polypropylene layer in the middle of the open tri-laminate polypropylene structure to act as the main filter for particles—limited durability and barrier performance, especially liquids.

Spunbonded Polypropylene (SBPP)
With their highly open structure, SBPP fabrics offer negligible barrier protection.



TY 120 S

TYVEK®

- An ideal balance of protection, durability and comfort
- *Comfort fit* design allows for a greater range of motion and fewer blowouts
- Breathable inherent barrier protection against hazardous dry particles, aerosols and non-hazardous light liquid splash
- Excellent abrasion resistance; protects against small-sized hazardous particles
- When used with masks and gloves, can help reduce the risk of cross-contamination in pandemic response activities
- One garment for many applications:
 - General maintenance/operations
 - Microcrystalline silica
 - Lead abatement
 - Environmental cleanup
 - Agriculture
 - Asbestos abatement
 - Food processing
 - Mold remediation
 - Spray painting
 - Crime scene investigation
- Tyvek® is white
- PI = Packaged individually
- TV = TAA compliant 

Coverall

TY 120 S WH xx 0025 00 SM-7X
TY 120 S WH xx 0025 PI SM-7X
TY 120 S WH xx 0025 NF MD-7X
TY 120 S WH xx 0025 TV MD-7X

Serged seams
 Collar
 Front zipper closure
 Elastic waist
 Comfort fit design



Coverall

TY 121 S WH xx 0025 NS

Serged seams
 Collar
 Front zipper closure
 Elastic wrists
 Elastic ankles
 Attached skid-resistant boots
 MD-7X



Coverall

TY 122 S WH xx 0025 00 SM-7X
TY 122 S WH xx 0025 NF MD-7X
TY 122 S WH xx 0025 PI SM-7X

Serged seams
 Attached hood (respirator fit)¹
 Front zipper closure
 Elastic wrists
 Elastic ankles
 Elastic waist
 Attached skid-resistant boots
 Comfort fit design



Coverall

TY 125 S WH xx 0025 00
TY 125 S WH xx 0025 PI

Serged seams
 Collar
 Front zipper closure
 Elastic wrists
 Elastic ankles
 Elastic waist
 Comfort fit design
 MD-7X



Coverall

TY 127 S WH xx 0025 00 MD-7X
TY 127 S WH xx 0025 PI MD-4X
TY 127 S WH xx 0025 NF MD-7X
TY 127 S WH xx 0025 TV MD-7X

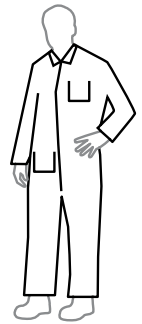
Serged seams
 Attached hood (respirator fit)¹
 Front zipper closure
 Elastic wrists
 Elastic ankles
 Elastic waist
 Comfort fit design



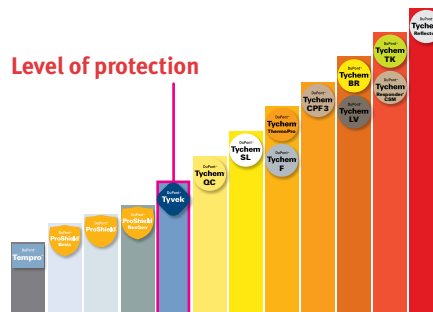
Coverall

TY 152 S WH xx 0025 00

Serged seams
 Collar
 Front zipper closure
 Two pockets
 Elastic waist
 MD-7X



Level of protection





TY 127 S

Frock

TY 210 S WH xx 0030 00
TY 210 S WH xx 0030 PI
 Serged seams
 Collar
 Front snap closure
 SM-7X



Frock

TY 211 S WH xx 0030 00
 Serged seams
 Collar
 Front snap closure
 Elastic wrists
 Knee length
 SM-7X



Frock

TY 216 S WH xx 0030 00
 Serged seams
 Mandarin collar
 Front snap closure
 Elastic wrists
 SM-5X



Labcoat

TY 212 S WH xx 0030 00
TY 212 S WH xx 0030 PI
TY 212 S WH xx 0030 NF
 Serged seams
 Collar
 Front snap closure
 Two pockets
 SM-7X



Shirt

TY 303 S WH xx 0050 00 SM-7X
TY 303 S WH xx 0050 PI SM-3X
 Serged seams
 Collar
 Front snap closure
 Long sleeve
 SM-7X



Pants

TY 350 S WH xx 0050 00 SM-7X
TY 350 S WH xx 0050 PI SM-3X
 Serged seams
 Elastic waist



Apron

TY 273 B WH xx 0100 00
TY 273 B WH xx 0100 PI
 Bound seams
 Bound neck & ties
 Bib style
 28" x 36"
 One size fits all



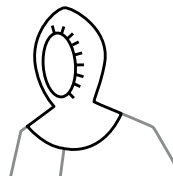
Sleeve

TY 500 S WH xx 0200 00
TY 500 S WH xx 0200 NF
 Serged seams
 Elastic top
 Elastic wrist
 18" length
 One size fits all



Hood

TY 657 S WH xx 0100 00
 Serged seams
 Pullover
 Elastic face
 Shoulder length
 One size fits all



Only TV option codes are TAA compliant.

¹Respirator fit hoods are designed with a longer zipper, extending to the chin for complete coverage of the neck area. Standard hoods only extend to the neck. See page 5 for photos. Bound and sewn seams and closures have less barrier than fabric.

Serged and/or bound seams are degraded by some hazardous liquid chemicals, such as strong acids, and should not be worn when these chemicals are present.

Tyvek® with Friction Coating (FC) has been specially treated to promote ink/coating adhesion. This treatment lowers the typical bulk liquid holdout values for Tyvek® fabric. Products with this treatment offer limited bulk liquid holdout. If barrier protection from liquid splash is required, please consider a non-treated Tyvek® style or other substrate.

Note: Not all sizes available in all styles.

WARNING: Tyvek® should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Garments made of Tyvek® fabrics should have slip-resistant or anti-slip materials on the outer surface of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

Certain accessory items are also identified as Make to Order. Stock/Make to Order designations are based on sales volume and production efficiencies. Therefore, designations are subject to change without notice.

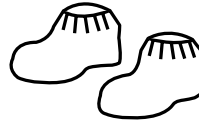


TYVEK® FC

- Skid-resistant materials for shoe/boot covers to prevent slipping
- Tyvek® with Friction Coating
- Tyvek® FC is gray

Shoe cover

TY 450 S WH xx 0200 00 5" height
TY 450 S WH xx 0200 LG 8.25" height
 Tyvek® fabric
 Serged seams
 Elastic opening
 One size fits all



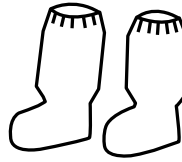
Boot cover

TY 452 S WH xx 0100 00
 Tyvek® fabric
 Serged seams
 Elastic opening
 10" height
 One size fits all



Boot cover

TY 454 S WH xx 0100 00
 Tyvek® fabric
 Serged seams
 Elastic opening
 18" height
 One size fits all



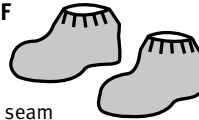
Boot cover

TY 454 S WH xx 0100 SR
 Tyvek® fabric
 Tyvek® FC sole
 Serged seams
 Elastic opening
 Elastic ankle
 18" height
 Skid-resistant
 LG-XL



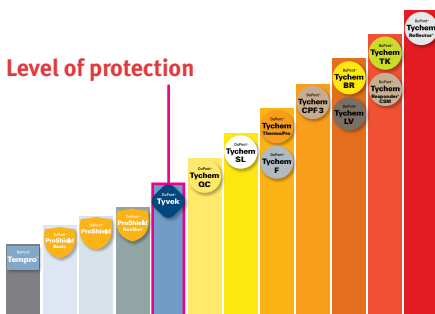
Shoe cover—Tyvek® FC

FC 450 S GY xx 0200 00
FC 450 S GY xx 0200 NF
 Tyvek® FC fabric
 Serged seams
 Elastic opening
 Elastic toe, sole and heel seam
 5" height
 Skid-resistant
 One size fits all



Boot cover—Tyvek® FC

FC 454 S GY xx 0100 00
 Tyvek® FC fabric
 Serged seams
 Elastic opening
 18" height
 Skid-resistant
 One size fits all



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