

# Annex 1 revision— Contamination risk factors

Advantages of DuPont™ Tyvek® IsoClean® single-use garments over reusable garments



# Manufacturing of the garments

For Tyvek® IsoClean®, the production of raw materials is well controlled by DuPont as the sole manufacturer. For reusable garments, the risk of garment failure varies considerably across multiple manufacturers within that supply chain.



# Packaging & transport of the garments

Tyvek\* IsoClean\* garments are packaged in a pouch with a five-year shelf life, then in double poly case liners, and finally in a single-use sealed box, significantly reducing the risk of contamination. Most reusable garments are packed in a bag with a sixmonth shelf life and then in a reusable crate.



# Working in the cleanroom

Reusable polyester garments have a higher risk of contamination in the cleanroom due to their high permeability. Additionally, the frequent washing and sterilization of reusable garments leads to damaged fabric and larger pores, thereby increasing the release of particles and fibers into the environment. Tyvek\* IsoClean\* provides a consistent barrier against dry particles and microorganisms, delivering the ideal balance of protection, durability and comfort.



# Washing & sterilizing the garments

Tyvek\* IsoClean\* garments are only washed and sterilized prior to wearing, so there is no risk of ineffective washing or sterilizing of a garment that has already been worn. Reusable garments are washed and sterilized many times over their lifetime, increasing the risk of contamination.



# Repairing damaged garments

Tyvek\* IsoClean\* garments are only worn once, so there is no risk of inadequately repairing damaged garments. Inadequate repairs on reusable garments can lead to holes and increased permeability. Requalifying repaired garments can also be expensive and disruptive.

# **DuPont™ Tyvek® IsoClean®**

Sterile single-use garment & accessory options\*

## Coverall

IC253BWHXX0025CS SM-7X

IC253BWHXX00250S SM-5X

Bound seams Bound neck Dolman sleeve Zipper closure Elastic wrists Elastic ankles 25/cs



#### Frock

IC264SWHXX0030CS

Serged seams Bound neck Raglan sleeve Zipper closure Elastic wrists A-line 30/cs SM-4X



#### Sleeves

IC501BWH000100CS

IC501BWH0001000S

Bound seams Elastic openings 18" length 100/cs Universal sizing (00)



#### Coverall

IC105SWHXX0025CS

Serged seams
Standard hood
Elastic hood opening
Set sleeve
Zipper closure
Elastic wrists
Elastic ankles
Attached thumb loops
Attached boots with PVC soles
25/cs
MD-5X



#### **Bouffant**

( ) IC729SWH000250CS

Serged seams Elastic headband 21.5" diameter 250/cs Universal sizing (00)



# **Boot cover**

IC447SWHXX0100CS

Serged seams Elastic openings Elastic ankles Gripper™ sole 18" high 100/cs SM-2X



#### Coverall

IC108SWHXX0025TS

Serged seams
Respirator fit hood¹
Elastic hood opening
Set sleeve
Zipper closure
Elastic wrists
Elastic ankles
Attached thumb loops
Attached boots with PVC soles
Double-bagged
25/cs
SM-6X



#### Hood/mask

( ) IC669BWH0001000S

Integrated hood/mask combination Bound seams Bound hood opening Ties with loops for fit White hood Blue face mask Pleated polyethylene outer 7" wide mask Individually packaged 100/cs



#### **Boot cover**

( ) IC457SWHXX01000S

Serged seams Covered elastic openings Ties at ankles PVC sole 18" high 100/cs SM-XL



# Frock

IC270BWHXX0030CS

Bound seams Bound neck Set sleeve Snap closure (6 + 1 adjustable) Elastic wrists 30/cs SM-4X

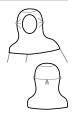


# Hood

) IC668BWH000100CS

Bound seams Full face opening Bound hood opening Ties with loops for fit 100/cs Universal sizing (00)

Universal sizing (00)



#### **Boot cover**

IC458BWHXX0100CS

Bound seams Covered elastic openings Ties at ankles Gripper™ sole 18" high 100/cs SM-XL







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Part numbers ending in:

"CS" are clean-processed and sterile

"OS" are sterile

"TS" are sterile and double-bagged

'Respirator 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.

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