IC501B option CS

DuPont™ Tyvek® IsoClean®

DuPont™ Tyvek® IsoClean® Sleeve. Bound Seams. Covered Elastic at Both Ends. 18" Long. White.
Certificates of Sterility Available Here

Name	Description
Full Part Number	IC501BWHxx0100yy (xx=size)
Fabric/Materials	Tyvek® IsoClean®
Design	Sleeve
Seam	Bound
Color	White
Quantity/Box	100 per case
Sizes	00
Option Codes	CS

FEATURES & PRODUCT DETAILS

Tyvek® IsoClean® delivers an ideal balance of protection, durability and comfort. Made using a patented flash spinning process, Tyvek® provides an inherent barrier to particles, microorganisms and non-hazardous light liquid splash.

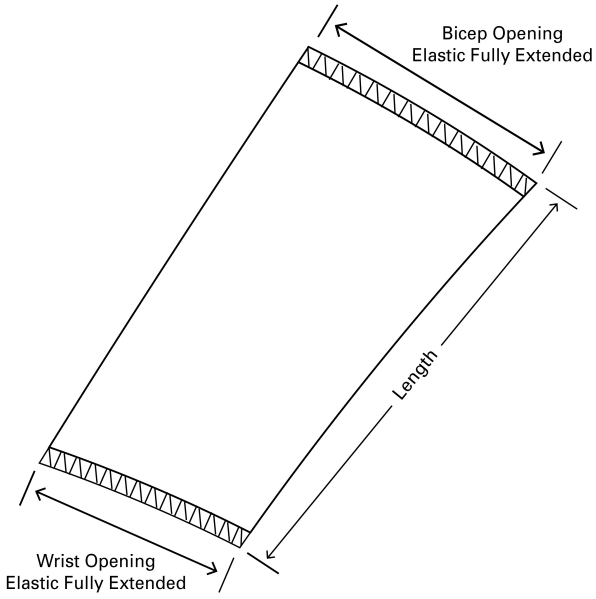
- Garments are gamma sterilized to SAL of 10^{-6}
- Clean-processed garments offer lowest level of particle shedding within DuPont product portfolio
- Bound seams are covered with garment fabric to reinforce the seam and to reduce the potential for particle penetration
- Elastic at both ends (bicep and wrist) for arm protection
- 18" long
- One size fits most
- Full traceability on all sterilized apparel with Certificates of Sterility Available Here.

AVAILABLE OPTIONS

Option Code	Description	Sizes	Part Number
CS	Clean-Processed & Sterile	UN	IC501BWH000100CS

SPECIFICATIONS

- The garment shall be constructed of DuPont™ Tyvek® 400-- a patented flash-spun polyethylene fabric.
- The garment shall be white in color.
- The garment shall be a sleeve design.
- The garment shall have bound seams.
- The garment shall have covered elastic at both openings.
- The garment shall be 18" in length.
- The garment shall be clean-processed and sterile.



FINISHED DIMENSIONS

Size	Sleeve Length	Wrist Opening	Bicep Open
UN	18	6	10

ADDITIONAL EQUIPMENT NEEDED

- This garment only provides partial body coverage. It may be worn in combination with other chemical resistant PPE as required based on the hazard assessment.
- Wear other appropriate PPE such as, but not limited to, respiratory, eye, head, hand, and foot protection based on the hazard assessment.

Physical Properties

Data relating to mechanical performance of the fabrics used in DuPont chemical protective clothing, listed for the selected garment according to the test methods and relevant European standard, if applicable. Such properties, including abrasion and flex-cracking resistance, tensile strength and puncture resistance can help in the assessment of protective performance.

Property	Test Method	Typical Result	stdDev
Basis Weight	ASTM D3776	1.33 oz/yd^2	0.06 oz/yd^2
Burst Strength - Mullen	ASTM D774	44 psi	7 psi
Breaking Strength - Grab (MD)	ASTM D5034	14 lb_f	2 lb_f
Breaking Strength - Grab (CD)	ASTM D5034	20 lb_f	3 lb_f
Particle Shedding (Helmke Drum)	IEST-RP-CC003.3	Category I	
Bacterial Filtration Efficiency (3.0 micron)	ASTM F2101	98.4%	0.9%
Hydrostatic Head	AATCC 127	74 cm H_2O	10 cm H_2O
Wearing Apparel Flammability	16 CFR 1610	Class 1	

CLEANROOM WARNINGS

- Anyone who begins to exhibit allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at 1.800.441.3637.
- Latex Statement: As of January 1, 2006, DuPont production specifications exclude use of components containing natural rubber latex in the manufacture of Dupont™ Tyvek® IsoClean®, Tyvek™ Micro-Clean® 2-1-2 and ProClean® garments, and DuPont™ ProShield® 10 and DuraTrac™ shoe covers. Notwithstanding, DuPont™ Tyvek® Micro-Clean® 2-1-2 and Duratrac™ shoe covers produced by Cardinal Health prior to May 2008 may contain dry crumb natural rubber latex.
- Warning: Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments. Cleanroom fabrics should have slip-resistant materials on the outer sole of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

SPECIAL WARNINGS

- After January 2023 all DuPont Personal Protection product styles are manufactured under specifications that exclude components containing natural rubber latex.
  Tyvek® 500, Tyvek® 600, Tyvek® 800 products manufactured before January 2023 did contain natural rubber latex which may cause allergic reactions in some sensitized individuals. Anyone who begins to exhibit an allergic response during the use of DuPont products should immediately cease using these products. The incident should also be reported to DuPont at +1 (888)-439-2988 so that an investigation can be initiated.

CHEMICAL RESISTANCE

Hazard / Chemical Name	Cas Number	Phase	Normalized Break Through .
Carboplatin (10 mg/ml)	41575-94-4	Liquid	>240
Carmustine (3.3 mg/ml, 10 % Ethanol)	154-93-8	Liquid	imm
Cisplatin (1 mg/ml)	15663-27-1	Liquid	>240
Cyclo phosphamide (20 mg/ml)	50-18-0	Liquid	>10
Doxorubicin HCl (2 mg/ml)	25136-40-9	Liquid	>240
Etoposide (Toposar®, Teva) (20 mg/ml, 33.2 % (v/v) Ethanol)	33419-42-0	Liquid	>240
Fluorouracil, 5- (50 mg/ml)	51-21-8	Liquid	imm
Gemcitabine (38 mg/ml)	95058-81-4	Liquid	>60
Ifosfamide (50 mg/ml)	3778-73-2	Liquid	imm
Oxaliplatin (5 mg/ml)	63121-00-6	Liquid	imm
Paclitaxel (Hospira) (6 mg/ml, 49.7 % (v/v) Ethanol)	33069-62-4	Liquid	>240
Thiotepa (10 mg/ml)	52-24-4	Liquid	imm

BT0.1 Normalized breakthrough time at 0.1 µg/cm²/min [mins] CAS Chemical abstracts service registry number min Minute > Larger than < Smaller than imm Immediate (< 10 min) nm Not tested sat Saturated solution N/A Not Applicable na Not attained GPR grade General purpose reagent grade * Based on lowest single value 8 Actual

breakthrough time; normalized breakthrough time is not available DOT5 Degradation after 5 min DOT30 Degradation after 30 min DOT60 Degradation after 60 min DOT240 Degradation after 240 min BT1383 Normalized breakthrough time at 0.1 µg/cm²/min [mins] acc. ASTM F1383

Important Note.