

DuPontTM Tyvek® 100 Coverall, model CHF5





Reference:	TYV CHF5S WH DV					
Designation:	Tyvek® – white, model CHF5					
Fabric/material:	Tyvek® 1431 N, 41 g/m², antistatic treatment.					
Description:	Coverall, white, 3 piece hood, external stitched seams, Tyvek® zipper with storm flap, gusset area, elastic cuffs, ankles and waist.					
Size (Order number):	M(D14936769), L(D14936774), XL(D14936784), XXL(D14936793)					
Conditioning:	Under individual packing, with a label of size on each pack. Boxes of 100 articles for required size.					

The supply of DuPont Personal Protection garments is assured by distributor nets; please contact us to know your local reseller.

DuPont Personal Protection

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Tyvek®: the balance between protection, durability & comfort

Protection

- Barrier against particles down to 0.6 micron due to its structure of fine, continuous fibres
- Resistant to low-level liquid aerosols from water-based chemical spray
- Antistatically treated, so that when the coveralls are correctly earthed, electrostatic charges are dissipated.

Durability

- Tyvek® is tough, tear and abrasion resistant
- Coveralls retain integrity in arduous conditions and maintain protection level throughout their usage

Comfort

 Tyvek® protective coveralls are permeable to both water vapour and air and feel pleasant against the skin.



- Ergonomic 3 piece hood allowing easy movement of head without disturbing the view of the wearer.
- TYVEK* zipper with zip flap for improved safety offering higher level of tightness.
- Elasticated cuffs and ankles for good fit of garment openings.
- · Elasticated in waist for safe fit of garment and wearer comfort.

Seams: External stitched seams for enhanced protection against penetration from outside to inside of garment.



TYVEK® FABRIC - Permeation Data

Permeation data for Tyvek®

Please find below a selection of permeation data for Tyvek* White 1422A / 1431N.

Tyvek*, extremely tough, tear and abrasion resistant, offers strong barrier against particles and resists low-pressurized water-based liquid chemical splashes.

Tyvek° Classic Xpert is the chosen category III protection against solid particles larger than 1 μm (Type 5), and mist, i.e. low-level liquid aerosols from water-based chemical spray (Type 6).

Tyvek* Classic Plus is a chemical protective clothing category III type 4B, 5 and 6, providing high barrier against many inorganic chemicals in low concentrations and particles larger than 1 micron. With its overtaped seams, this suit is ideal for toxic dry particulate environments or to prevent liquid penetration through seams.

Permeation vs. penetration and repellency

Permeation is not the same as penetration.

Liquid chemical penetration is a physical process whereby a liquid penetrates a fabric by passing through pores or holes in the fabric.

The European standard EN ISO 6530 (referred to as the "gutter test") measures liquid penetration through a fabric and liquid repellency by a fabric. Penetration & repellency tests, such as the gutter test, are typically "short duration tests" of 1 minute.

Fabrics may show high repellency and penetration indices to certain chemicals, but when exposed for several minutes will allow the chemical to permeate.

TYVEK® FABRIC - Permeation Data

Physical State CAS No. Actual Ottopic default I.0 psy (con-amin tase) I.0 psy (con-a							Tyvek		
Physical State CAS No. Actual Unimutes Normalized at Unimutes Injugicari-Anin Injugica					Breakthrough time				
1	Chemical Name	Physical State	CAS No.	Actual	Normalized at 0.1 μg/(cm²-min)	Normalized at 1.0 µg/(cm²·min)	Classification according to EN 14325	Steady State Permeation Rate	Minimum Detection Rate
L 56.61.5 450 >480 66 6 6 7 7 7 7 8 7 8 9 6 6 6 8 3 9 6 6 8 3 9 <									μg/(cm².min)
L 764701-0 30 60 65 3 6 L 77224-1 imm	Glycerol	7	56-81-5	450	> 480	> 480	9	0.03	0.01
L 742-01-0 imm 15 ■ © 6 7 7 7 7 7 7 7 7 8 7 8 8 8 8 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9 9 8 9	Hydrochloric acid (16%)	7	7647-01-0	30	09	99	3	11.1	0.005
L 7722-84-1 imm 15 ■ ● <	Hydrochloric acid (30%)	7	7647-01-0	imm	imm	imm	•	10.1	0.01
L 7722441 imm 15 Image: Color of the color o	Hydrogen peroxide (10%)	7	7722-84-1	> 480	> 480	> 480	9	<0.01	0.01
L 7487-94-7 >480 >480 >480 60 6 L 7697-37-2 45 60 60 60 6 6 L 7697-37-2 45 60 60 50 5 6 L 7694-38-2 >480 >480 60 6 6 6 6 L 7789-06-5 >480 5480 >480 6	Hydrogen peroxide (30%)	7	7722-84-1	imm	15	•		> 0.11	0.04
L 7697-37-2 480 >480 60 60 60 7 L 7691-37-2 45 60 60 2 7 L 7691-38-2 >480 >480 60 6 6 L 7789-00-6 >480 60 6 6 6 6 L 1310-58-3 60 60 >480 6 6 6 7 L 1170-58-3 50 >480 >480 6 6 7 8 L 1310-73-2 >480 >480 >480 6 6 8 <th>Mercuric II chloride (sat'd)</th> <th>7</th> <th>7487-94-7</th> <th>> 480</th> <th>> 480</th> <th>> 480</th> <th>9</th> <th><0.01</th> <th>0.01</th>	Mercuric II chloride (sat'd)	7	7487-94-7	> 480	> 480	> 480	9	<0.01	0.01
L 7697-37-2 45 60 60 60 2 L 7684-38-2 >480 >480 6 6 789 L 1 7789-00-6 >480 >480 6 6 789 L 1 1310-58-3 >480 >480 6 6 78 L 1 1310-73-2 >480 >480 6 6 78 L 1 1310-73-2 >480 >480 6 78 78 Strive Chlorine) L 1310-73-2 >480 >480 6 78 Strive Chlorine) L 7681-52-9 >480 >480 6 78 Strive Chlorine) L 7681-52-9 >480 >480 6 78 Strive Chlorine) L 7681-52-9 >480 5490 6 78 Strive Chlorine L 7681-52-9 >480 5490 6 78 Strive Chlorine L </th <td>Nitric acid (10%)</td> <td>7</td> <td>7697-37-2</td> <td>> 480</td> <td>> 480</td> <td>> 480</td> <td>9</td> <td><0.005</td> <td>0.005</td>	Nitric acid (10%)	7	7697-37-2	> 480	> 480	> 480	9	<0.005	0.005
L 7664-38-2 > 480 > 480 6 480 6 6 6 6 789 6 789 6 6 789 6 6 789 6 6 789 6 6 780 6 780 6 780 6 780 6 780	Nitric acid (30%)	7	7697-37-2	45	09	09	2	4.6	0.001
L 7789-0-6 >480 >480 6 L 1310-58-3 60 60 >480 6 L 1310-58-3 60 60 >480 6 6 L 1310-73-2 >480 >480 6 6 7 String Chlorine L 1310-73-2 >480 >480 6 7 String Chlorine L 7681-52-9 >480 >480 6 7 String Chlorine L 7661-52-9 >480 >480 6 7 String Chlorine L 7661-52-9 480 >480 6 7 String Chlorine L 7661-82-9 480 5480 6 7 String Chlorine L 7664-93-9 160 5480 6 7 String Chlorine L 7664-93-9 160 5 7 6 7	Phosphoric acid (50%)	7	7664-38-2	> 480	> 480	> 480	9	<0.005	0.005
(40%) L 1310-58-3 60 60 60 >480 6 6 6 7 41) L 127-09-3 >480 >480 6 6 7 3%) L 1310-73-2 10 220 >480 6 7 3%) L 1310-73-2 >480 >480 6 7 3% L 7681-52-9 >480 >480 6 7 (13% active Chlorine) L 7681-52-9 >480 >480 6 7 (sartd) L 7681-52-9 480 >480 6 7 (sartd) L 7664-93-9 135 160 780 6 7 L 7664-93-9 135 160 75 75 3 8	Potassium chromate (sat'd)	7	9-00-68//	> 480	> 480	> 480	9	<0.005	0.005
1) L 127-09-3 > 480 > 480 6 6 1%) L 1310-73-2 > 480 > 480 6 6 7 1%) L 1310-73-2 10 220 > 480 6 7 7 1%) L 1310-73-2 > 480 > 480 6 7 7 7 7 7 8 7 8 7 8 7 8 <	Potassium hydroxide (40%)	7	1310-58-3	09	09	> 480	9	0.7	0.001
%) L 1310-73-2 > 480 > 480 6 6 %) L 1310-73-2 10 220 > 480 6 6 7 h(d) S 1310-73-2 > 480 > 480 6 6 7 h(d) L 7681-52-9 > 480 > 480 6 7 7 (satd) L 7664-93-9 480 480 6 6 7 (satd) L 7664-93-9 135 160 75 480 6 7 L 7664-93-9 135 160 75 75 3 7	Sodium acetate (sat'd)	7	127-09-3	> 480	> 480	> 480	9	<0.005	0.005
% b L 1310-73-2 10 220 >480 6 7 lid) S 1310-73-2 >480 >480 6 6 7 (13% active Chlorine) L 7681-52-9 >480 >480 6 7 (sat'd) L 7681-52-9 480 480 6 7 (sat'd) L 7664-93-9 480 8 6 7 L 7664-93-9 135 160 168 4 7 L 7664-93-9 10 50 75 3 8	Sodium hydroxide (40%)	_	1310-73-2	> 480	> 480	> 480	9	<0.005	0.005
lid) S 1310-73-2 > 480 > 480 > 480 6 7 (13% active Chlorine) L 7681-52-9 > 480 > 480 6 6 7 (sartd) L 7681-62-9 > 480 480 6 6 7 (sartd) L 7664-93-9 480 480 6 7 6 L 7664-93-9 135 160 75 3 8 7	Sodium hydroxide (50%)	7	1310-73-2	10	220	> 480	9	0.85	0.01
(13% active Chlorine) L 7681-52-9 > 480 > 480 6 6 (satd) L 7681-52-9 > 480 480 6 6 7 (satd) L 7664-93-9 480 480 6 6 7 L 7664-93-9 135 160 75 3 7	Sodium hydroxide (solid)	S	1310-73-2	> 480	> 480	> 480	9	<0.01	0.01
(sat'd) L 7664-93-9 >480 >480 >480 6 6 L 7664-93-9 480 480 6 6 7 L 7664-93-9 135 160 168 4 4 L 7664-93-9 10 50 75 3 8	Sodium hypochlorite (13% active Chlorine)	7	7681-52-9	> 480	> 480	> 480	9	<0.005	0.005
L 7664-93-9 480 480 50 6 L 7664-93-9 135 160 168 4 L 7664-93-9 10 50 75 3	Sodium hypochlorite (sat'd)	7	7681-52-9	> 480	> 480	> 480	9	<0.01	0.01
L 7664-93-9 135 160 168 4 4 7 10 50 75 3	Sulphuric acid (18%)	7	7664-93-9	480	480	> 480	9	0.2	0.005
L 7664-93-9 10 50 75 3	Sulphuric acid (30%)	7	7664-93-9	135	160	168	4	9.7	0.005
	Sulphuric acid (50%)	7	7664-93-9	10	20	75	3	38	0.01

KEY: ■ = Not tested • S = solid • G = gaseous • L = liquid • imm = Immediate • sat'd = saturated

Sizing Chart –Donning & Doffing Pictorial Guidance

DuPont Personal Protection







Body measurements

Body height (cm)



Size	162 170	168 176	174 182	180 188	186 194	192 200
84 - 92	S					
92 - 100		M				
100 - 108			L			
108 - 116				XL		
116 - 124					XXL	
124 - 132						XXXL



