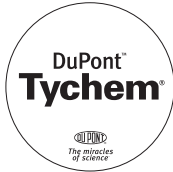


# DuPont™ TYVEK®



## Inherent Barrier Protection



TYVEK® sets the industry standard - with the best balance of protection, durability and comfort. From janitorial and general maintenance to food processing to the hazardous materials handling of lead, mould silica or asbestos, TYVEK® is the proven solution.

An inherent barrier - not a laminate or film — TYVEK® stops microscopic particles even after it's been abraded. In fact, in independent garment testing, TYVEK® was proven more than twice as durable as other fabrics.

At DuPont, we know comfort is very important, too. Protective apparel that can't "breathe" negatively impacts worker productivity and job satisfaction. TYVEK® is permeable to both air and water vapour allowing the fabric to "breathe". It is also extremely light, soft and flexible. You can have it all — protection, comfort and durability — so why compromise.

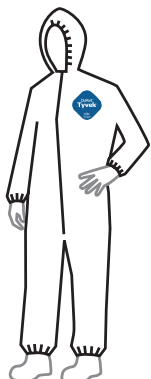


- Proprietary fabric technology only available from DuPont
- Soft, lightweight and breathable
- Antistatic, non-linting and durable
- Protection against a variety of liquid and solid chemicals, particles and hazardous fibres such as asbestos and fibreglass, lead, paint and aerosols
- Available in white and safety orange

Particulate Protection of TYVEK® (style 1422A) CEN/TC 162 WG3 N263 test method using Aloxite dust and a pressure differential across fabric of 1Pa		
Particle Size	Challenge Concentration (pcles/litre)	Penetration Flux (pcles.min <sup>-1</sup> m <sup>2</sup> per 1000 pcles l <sup>-1</sup> )
1.0 µm - 1.5 µm	47 042	1
1.0 µm - 2.0 µm	10 384	2
>2.0 µm	7 054	0

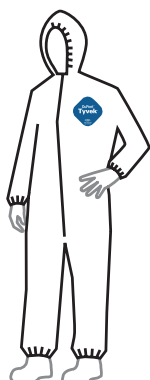
#### TYVEK® 1422A Coverall 100/cs

serged seams  
attached hood  
front zipper closure  
elastic wrists  
elastic ankles



#### TYVEK® Safety Orange 50/cs

serged seams  
attached hood  
front zipper closure  
elastic wrists  
elastic ankles



#### Technical Information

Property	Test Method	TYVEK® (style 1422A)
Basis weight	ISO 536	41g/m <sup>2</sup>
Colour	-	White
Thickness	EN 2 0534	130µm
Trapezoidal tear resistance (MD/XD)	ISO 9073-4	26.1/30.6 N
Burst resistance	ISO 2960 (50cm <sup>2</sup> )	108 kPa
Puncture resistance	EN 863	10.8 N
Hydrostatic head (water column pressure in cm)	ISO 811	120cm
Abrasion resistance	EN 530 (method 2)	100 cycles
Linting test	BS 6909:1988 (Shiley method 21)	Pass rating: excellent
Exposure to high temperatures		Melting point 135°C
Exposure to low temperatures		Flexibility retained down to -73°C
Surface resistivity at 25% RH	EN 1149-1	4.8 x 10 <sup>9</sup> Ohms (rib surface) 1.7 x 10 <sup>10</sup> Ohms (smooth surface)
Air permeability	ISO 5636-5	20 s
Water vapour permeability	ASTM E398	1700 g/m <sup>2</sup> . 24hr
Shelf life	10-year accelerated ageing test	Pass - should not be stored in direct sunlight

MD=Machine direction XD=Cross direction

Asbestos Fibre Protection of TYVEK® (style 1422A) DuPont Test method		
Fibre Size	Mean Fibre Challenge (fibres/mm <sup>2</sup> )	Mean Fibre Barrier Efficiency (%)
Average of all fibres longer than 0µm	41 558	99.08
> 0.5 µm	36 584	99.18

**DuPont**  
**Personal Protection**