



## TECHNICAL DATA SHEET

### TYVEK®

#### Description

Tyvek® is bonded together under heat and pressure to form a soft, yet virtually impermeable garment material. Because of its unique flash-spinning process, Tyvek® is both lightweight and highly resistant to tears and punctures. Normal tasks can be performed without damaging the garment.

#### Specifications

##### Material:

Tyvek® is a unique nonwoven material from DuPont made from Spunbonded Olefin.

#### Particle Protection

In particulate barrier testing, Tyvek® spunbonded olefin is substantially more effective than high-density taffeta and herringbone wovens at blocking particles as small as 0.5 µm . And even more effective at blocking microorganisms.

Particulate Filtration Efficiency: >0.5µm (%)

#### Splash & Chemical Protection

Tyvek® is non-absorbent which helps to maintain the fabric strength and opacity whether wet or dry. However, water which comes in contact with chemicals that increase wetting, such as surfactants and detergents, may penetrate Tyvek® more easily.

#### Features & Benefits

- Very Breathable, low air permeability
- Superior Quality
- Comfort
- Low Cost

Tyvek® - Fabric Data

Properties	Test Method	Results
Basis Weight	ASTM D3776	1.2 oz/yd <sup>2</sup>
Flame Spread	16 CFR 1610	Class 1
Static - Log R	ASTM D257	<9.8
Strip Tensile (lb/in)	ASTM D1682	MD 7.9/ CD 8.7
Thickness	ASTM D1777	5.4 mils
Tongue Tear	ASTM D2261	MD 2.2/ CD 2.3

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