



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 woven at blocking particles as small as 0.5 µm . And even more effective at blocking microorganisms.

Particulate Filtration Efficiency: >0.5µm (%)

Cleanroom Class & ISO level:

Class 100 - ISO5 Approved

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

a division of ...



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<u>Tyvek® - Fabric Data</u>		
<u>Properties</u>	<u>Test Method</u>	<u>Results</u>
<u>Basis Weight</u>	<u>ASTM D3776</u>	<u>1.2 oz/yd²</u>
<u>Flame Spread</u>	<u>16 CFR 1610</u>	<u>Class 1</u>
<u>Static - Log R</u>	<u>ASTM D257</u>	<u><9.8</u>
<u>Strip Tensile (lb/in)</u>	<u>ASTM D1682</u>	<u>MD 7.9/ CD 8.7</u>
<u>Thickness</u>	<u>ASTM D1777</u>	<u>5.4 mils</u>
<u>Tongue Tear</u>	<u>ASTM D2261</u>	<u>MD 2.2/ CD 2.3</u>