

No compromise. Because life matters.

Tyvek® for protecting medical devices

You wouldn't compromise if your life was on the line. Protect patients and your medical devices with the most trusted choice in sterilized packaging material. DuPont™ Tyvek® has been protecting life for decades; here are just some of the many reasons.



Superior
microbial barrier



Tear
resistant



Recyclable



Compatible with
most sterilization
methods



Puncture
resistant



Clean peel
and aseptic
presentation

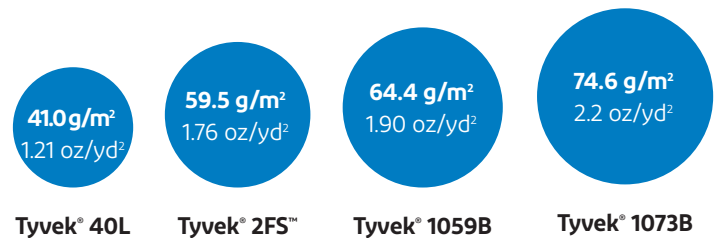
The trusted choice for protecting life

Count on DuPont to ensure product protection and sterility with proven materials and help from industry experts.

Specifically, DuPont packaging engineers, microbiologists and regulatory affairs experts are available globally to share their knowledge and support you with information about:

- Materials
- Packaging design and processing
- First time device launches
- Global network of packaging converters
- Meeting worldwide regulatory and packaging standards
- Enhancing confidence in your product regulatory submissions

Our products



Tyvek® 40L

Tyvek® 2FS™

Tyvek® 1059B

Tyvek® 1073B

Performance characteristics	Tyvek® 40L	Tyvek® 2FS™	Tyvek® 1059B	Tyvek® 1073B
Mechanical strength ¹	●	●●	●●●	●●●●
Microbial barrier ²	●●	●●●	●●●●	●●●●
Porosity ³	●●●●	●●●	●●●	●●●
Low particulate generation/clean peel ⁴	●●	●●	●●●●	●●●●
Readily recyclable	✓	✓	✓	✓
Biocompatibility, food contact and pharmacopeia testing requirements				
Biocompatibility tests ⁵				
Pre-sterilization	✓	✓	✓	✓
Post-sterilization			✓	✓
Bioburden ⁶		✓	✓	✓
U.S. food contact ⁷	✓	✓	✓	✓
European food contact ⁸	✓	✓	✓	✓
U.S. pharmacopeia ⁹			✓	✓
European pharmacopeia ¹⁰			✓	✓
Endotoxin test ¹¹	✓	✓	✓	✓
Sterilization modes				
Ethylene oxide (EO)	✓	✓	✓	✓
Gamma radiation	✓	✓	✓	✓
Electron-beam radiation	✓	✓	✓	✓
Vapor hydrogen peroxide			✓	✓
Controlled steam (250°F to 260°F [121°C to 127°C] @ 30 psi for 30 minutes)			✓	✓
Product type				
Low-risk medical devices	✓	✓	✓	✓
Medium-risk medical devices		✓	✓	✓
High-risk medical devices				✓
Heavy devices				✓
Rough or sharp devices				✓
Combination drug & device			✓	✓
Pharmaceutical products (Pre-fillable syringes & in-process sterilization pouches)				✓

¹ ASTM D5035, D1424, D774, & D3420, EN ISO 1924-2, EN 21974, & ISO 2758

² ASTM F1608 & F2638

³ TAPPI T460 & ISO 5636-3

⁴ ISO 9073-10

⁵ ISO 10993-5, 10993-10, 10993-18, USP <87> & USP <88> Class VI

⁶ ISO 11737-1:2006

⁷ 21 CFR 177.1520

⁸ EU N° 10/2011, EC N° 2023/2006

⁹ USP <661.1>

¹⁰ EP 3.1.3 & 3.1.5

¹¹ USP <85>

✓ Recommended

● Acceptable
●● Good
●●● Better
●●●● Best



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For more information, refer to our Technical Reference Guides at medicalpackaging.dupont.com/Technical

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