

# TekniMD® PX

High-performance thermoformable copolyester film



TekniMD® PX is a high-performance, thermoformable copolyester film developed as a performance-oriented alternative to PETG for medical device packaging applications.



## Overview

The medical device industry continues to face revenue and profitability challenges due to increased R&D expenses, growing competition and other factors. Companies like yours also are trying to implement sustainability initiatives without adding cost to the bottom line. Tekni-Plex recognizes these challenges and has responded by developing the TekniMD® PX film line as a cost-effective, alternative to PETG.

PX films are available in a monolayer film (PX), suited for form, fill, and seal applications and PX MED, a mono film with superior denesting characteristics. Accelerated aging (5.5 years) via third party testing has proven that PX MED denests as well as silicone-coated PETG, while still maintaining seal integrity.

For moisture and oxygen barrier properties or as Barex alternative, standard laminated structures containing Aclar® (PXA) or EVOH (PXPO) are available. Custom structures can also be engineered.

For additional information, please visit [www.tekni-films.com](http://www.tekni-films.com).

## Advantages

### Direct replacement for PETG.

Equivalent impact resistance, tension, elongation properties. No tooling modifications needed. Reduced cost.

**Clarity.** Exceptional.

**Wide processing window.** Lower temperatures (than PETG) minimize energy costs; higher settings to achieve faster cycle times.

**Business continuity.** All raw material components are dual sourced globally and backup extrusion sites are validated

**Recyclable.** Resin code "1". Same recycling stream as carbonated soft drink and water bottles

**Sterilization.** EtO, electron beam or gamma radiation.

**Performance.** Backed by extensive testing.

Grade	Description	PX Thickness	Colors
TekniMD® PX	Copolyester film	7 – 59 mil 178 – 1499 µ	Clear; blue tint
TekniMD® PX MED	Copolyester film with superior denesting	7 – 59 mil 178 – 1499 µ	Clear; blue tint

TekniMD® PX film products meet all US and European Standards for food contact compliance and European Pharmacopeia 3.1.15. The films meet all relevant ISO standards, such as ISO 11607-1, ISO 10993-5, and -10 and also meets USP Class VI standards (USP<88>)

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