

Thermoformable, FDA-compliant, Pharmaceutical-Grade PCTFE film lamination. Tekni-Plex offers a wide range of PVC-based film structures to meet both performance and cost requirements.

Typical Physical Properties

General

Construction	190µ PVC / 50µ PE / 75µ PCTFE Copolymer	7.5 mil PVC / 2.0 mil PE / 3.0 mil PCTFE Copolymer
Color	Clear Tint	Clear Tint
Haze	4%	4%
Specific Gravity	1,45 g / cm ³	1.45 g / cm ³
Total Thickness	318µ	0.0125"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	1,956-2,390 m ² / kg	1375-1681 in ² / lb

Mechanical

Tensile Strength	34,47 x 10 ⁶ N / m ²	5000 psi
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Thermal

Dimensional Stability	± 4% (30 minutes @ 140°C)	± 4% (30 minutes @ 284°F)
Thermoforming Range	100 – 160°C	212 – 320°F

Barrier

Moisture Vapor Transmission Rate (38°C, 90% RH)	0,11 g / m ² / 24 hrs	0.007 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	24,8 cm ³ / m ² / 24 hrs	1.6 cm ³ / 100 in ² / 24 hrs

Manufactured under Industry Accepted standards for cGMP. Film is composed of ingredients in compliance with existing regulations of the FDA (21 C.F.R. 175.300, 177.1520 & 177.1380) and EP (3.1.11) and is entered in Tekni-Plex Inc.'s Drug Master File #1378. Data supplied in good faith for information only. End user assumes all liability in using this product for the purpose intended.

TEKNIFLEX® is a registered trademark of Tekni-Plex, Inc.

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