

DRAFT

*Thermoformable, FDA-compliant, Pharmaceutical-Grade PVC/ PCTFE film lamination with a high oxygen barrier EVOH inner layer for superior MVTR and O₂ barrier properties.
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 / 70µ PE.EVOH.PE / 23µ PCTFE	7.5 mil PVC / 2.8mil PE.EVOH.PE / 0.9 mil PCTFE
Color	Clear Tint	Clear Tint
Haze	4%	4%
Specific Gravity	1,29 g / cm ³	1.29 g / cm ³
Total Thickness	283µ	0.0112"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	2,426 – 2,966 m ² / kg	1706 - 2086 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)	0,23 g / m ² / 24 hrs	0.015 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (20°C, 65% RH)	0.7 cm ³ / m ² / 24 hrs	.045 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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