

*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	305µ PVC / 50µ PE / 50µ PCTFE	12.0 mil PVC / 2.0 mil PE / 2.0 mil PCTFE
Color	Clear Tint	Clear Tint
Haze	4%	4%
Specific Gravity	1,37 g / cm <sup>3</sup>	1.37 g / cm <sup>3</sup>
Total Thickness	406µ	0.0160"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	1,616-1,976 m <sup>2</sup> / kg	1137-1389 in <sup>2</sup> / lb

### Mechanical

Tensile Strength	41,37 x 10 <sup>6</sup> N / m <sup>2</sup>	6000 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 <sup>2</sup> / 24 hrs	0.007 g / 100 in <sup>2</sup> / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	15,5 cm <sup>3</sup> / m <sup>2</sup> / 24 hrs	1.0 cm <sup>3</sup> / 100 in <sup>2</sup> / 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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