

*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	250 $\mu$ PVC / 10 $\mu$ PCTFE	10.0 mil PVC / 0.4 mil PCTFE
Color	Clear Tint	Clear Tint
Haze	3%	3%
Specific Gravity	1,37 g / cm <sup>3</sup>	1.37 g / cm <sup>3</sup>
Total Thickness	260 $\mu$	0.0104"
Thickness tolerance	$\pm$ 10%	$\pm$ 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	$\pm$ 1,5 mm	$\pm$ 1/16"
Yield	2,527-3,089 m <sup>2</sup> / kg	1777-2171 in <sup>2</sup> / lb

### Mechanical

Tensile Strength	37,92 x 10 <sup>6</sup> N / m <sup>2</sup>	5500 psi
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### Thermal

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

### Barrier

Moisture Vapor Transmission Rate (38°C, 90% RH)	0,45 g / m <sup>2</sup> / 24 hrs	0.029 g / 100 in <sup>2</sup> / 24 hrs
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*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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