

*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	250µ PVC / 50µ PE / 100µ PCTFE	10 mil PVC / 2 mil PE / 4 mil PCTFE
Construction		
Color	Clear tint	Clear tint
Haze	4%	4%
Specific Gravity	1,47 g / cm <sup>3</sup>	1.47 g / cm <sup>3</sup>
Total Thickness	400µ	0.016"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	1,66 m <sup>2</sup> / kg	1167 in <sup>2</sup> / lb
<b>Mechanical</b>		
Tensile Strength	37,92 x 10 <sup>6</sup> N / m <sup>2</sup>	5500 psi
<b>Thermal</b>		
Dimensional Stability	± 4% (30min minutes @ 140°C)	± 4% (30min minutes @ 284°F)
Thermoforming Range	100 – 160°C	212 – 320°F
<b>Barrier</b>		
Moisture Vapor Transmission Rate (38°C, 90% RH)	0,056 g / m <sup>2</sup> / 24 hrs	0.004 g / 100 in <sup>2</sup> / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	18,6 cm <sup>3</sup> / m <sup>2</sup> / 24 hrs	1.2 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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