

*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	250µ PVC / 50µ PE / 38µ PCTFE Copolymer	10.0 mil PVC / 2.0 mil PE / 1.5 mil PCTFE Copolymer
Color	Clear Tint	Clear Tint
Haze	< 10% (290-370 nm)	< 10% (290-370 nm)
Specific Gravity	1,34 g / cm <sup>3</sup>	1.34 g / cm <sup>3</sup>
Total Thickness	343µ	0.0135"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	1,952-2,386 m <sup>2</sup> / kg	1373-1678 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	± 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)	0,31 g / m <sup>2</sup> / 24 hrs	0.020 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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## TEKNI-FILMS

Tekni-Films USA  
201 Industrial Parkway  
Somerville, NJ 08876  
USA  
Tel : (908) 722-4800  
Fax : (908) 722-4967

Tekni-Films Europe  
Industrielaan, 37  
9320 Erembodegem  
Belgium  
Tel : +32 53 650711  
Fax : +32 53 672074

Tekni-Films South America  
Timoteo Gordillo 5490  
1439 Buenos Aires  
Argentina  
Tel : +54 11 46054042  
Fax : +54 11 46059625