

*Thermoformable, FDA-compliant, Pharmaceutical-Grade PVC / PVdC film.  
Tekni-Plex offers a wide range of PVC-based film structures to meet both performance and cost requirements.*

## Typical Physical Properties

### General

Construction	2540 $\mu$ PVC / 25 $\mu$ PE / 90 g per m <sup>2</sup> PVdC	9.8 mil PVC / 1.0 mil PE / 90 g per m <sup>2</sup> PVdC
Color	Clear Tint	Clear Tint
Haze	5%	5%
Specific Gravity	1,41 g / cm <sup>3</sup>	1.41 g / cm <sup>3</sup>
Total Thickness	328 $\mu$	0.0129"
Thickness tolerance	$\pm$ 7%	$\pm$ 7%
Maximum roll width	1,3 m	51"
Roll width tolerance	$\pm$ 1 mm	$\pm$ 1/25"
Nominal Yield	2,169 m <sup>2</sup> / kg	1525 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)	0,30 g / m <sup>2</sup> / 24 hrs	0.019 g / 100 in <sup>2</sup> / 24 hrs
Oxygen Transmission Rate (23°C, 50% RH)	0,35 cm <sup>3</sup> / m <sup>2</sup> / 24 hrs	0.023 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) 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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