

*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	200µ PVC / 40 g per m ² PVdC	7.9 mil PVC / 40 g per m ² PVdC
Color	Clear Tint	Clear Tint
Haze	5%	5%
Specific Gravity	1,42 g / cm ³	1.42 g / cm ³
Total Thickness	223µ	0.0088"
Thickness tolerance	± 7%	± 7%
Maximum roll width	1,3 m	51"
Roll width tolerance	± 1 mm	± 1/25"
Nominal Yield	3,165 m ² / kg	2225 in ² / lb
Mechanical		
Tensile Strength	34,47 x 10 ⁶ N / m ²	5000 psi
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)	0,85 g / m ² / 24 hrs	0.055 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (23°C, 50% RH)	0,70 cm ³ / m ² / 24 hrs	0.045 cm ³ / 100 in ² / 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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