

*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 | 190µ PVC / 50µ PE / 38µ PCTFE Copolymer | 7.5 mil PVC / 2.0 mil PE / 1.5 mil PCTFE Copolymer |
| Color | White Opaque | White Opaque |
| Haze | ~ 0 | ~ 0 |
| Specific Gravity | 1,35 g / cm ³ | 1.35 g / cm ³ |
| Total Thickness | 279µ | 0.0110" |
| Thickness tolerance | ± 10% | ± 10% |
| Maximum roll width | 1,1 m | 42" |
| Roll width tolerance | ± 1,5 mm | ± 1/16" |
| Yield | 2,386-2,916 m ² / kg | 1678-2054 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) | 0,31 g / m ² / 24 hrs | 0.020 g / 100 in ² / 24 hrs |
| Oxygen Transmission Rate (23°C, 100% RH) | 24,8 cm ³ / m ² / 24 hrs | 1.6 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, 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.

25/06/2002

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