

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 / 75µ PCTFE Copolymer | 10.0 mil PVC / 2.0 mil PE / 3.0 mil PCTFE Copolymer |
| Color | Clear Tint | Clear Tint |
| Haze | 4% | 4% |
| Specific Gravity | 1,42 g / cm ³ | 1.42 g / cm ³ |
| Total Thickness | 381µ | 0.0150" |
| Thickness tolerance | ± 10% | ± 10% |
| Maximum roll width | 1,1 m | 42" |
| Roll width tolerance | ± 1,5 mm | ± 1/16" |
| Yield | 1,665-2,035 m ² / kg | 1171-1431 in ² / lb |

Mechanical

| | | |
|------------------|--|----------|
| Tensile Strength | 37,92 x 10 ⁶ N / m ² | 5500 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) | 0,16 g / m ² / 24 hrs | 0.010 g / 100 in ² / 24 hrs |
| Oxygen Transmission Rate (23°C, 100% RH) | 18,6 cm ³ / m ² / 24 hrs | 1.2 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.

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