

DRAFT

Thermoformable, FDA-compliant, Pharmaceutical-Grade Cyclic Olefin Copolymer film. Tekni-Plex offers a wide range of polyolefin-based film structures to meet both performance and cost requirements.

Typical Physical Properties**General**

Construction	PP / 381 μ m COC / PP	PP / 15.0 mil COC / PP
Color	Clear Tint	Clear Tint
Haze	~15 %	~ 15 %
Specific Gravity	1.00 g / cm ³	1.00 g / cm ³
Total Thickness	457 μ	0.018"
Thickness tolerance	\pm 10%	\pm 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	\pm 1,5 mm	\pm 1/16"
Yield	2.26 m ² /kg	1589 in ² / lb

Mechanical

Tensile Strength	21 x 10 ⁶ N / m ²	3000 psi
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Thermal

Dimensional Stability	\pm 3 % (30 minutes @ 140°C)	\pm 3 % (30 minutes @ 284°F)
Thermoforming Range	120 – 160°C	248 – 320 °F

Barrier

Moisture Vapor Transmission Rate (38°C, 90% RH)	0,20 g / m ² / 24 hrs	0.013 g / 100 in ² / 24 hrs
Oxygen Transmission Rate (25°C/100%)	105 cc / m ² / 24 hrs	7 cc / 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 and EP 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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