

DRAFT

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

Typical Physical Properties**General**

	HDPE / 240 µm COC / HDPE	HDPE / 9.5 mil COC / HDPE
Construction		
Color	Clear Tint	Clear Tint
Haze	~ 15 %	~ 15 %
Specific Gravity	1.01 g / cm ³	1.01 g / cm ³
Total Thickness	300 µ	0.0118"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	3,31 m ² / kg	2325 in ² / lb

Mechanical

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

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

Barrier

Moisture Vapor Transmission Rate (38°C, 90% RH)	0,28 g / m ² / 24 hrs	0.018 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 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
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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