

*Tekniflex® PGA and PGOA series are designed for the packaging of Medical Device/Drug Product Combinations requiring high moisture and/or oxygen barrier. Thermoformable, FDA-compliant, Medical-Grade PETG/PCTFE film lamination, which can be sterilized by radiation. Tekni-Plex offers a wide range of PETG-based film structures to meet both performance and cost requirements.*

## Typical Physical Properties

General	635µ PETG / 51µ PCTFE	25 mil PETG / 2 mil PCTFE
Construction		
Color	Clear tint	Clear tint
Haze	3%	3%
Specific Gravity	1,33 g / cm <sup>3</sup>	1.33 g / cm <sup>3</sup>
Total Thickness	686µ	0.027"
Thickness tolerance	± 10%	± 10%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	1,09 m <sup>2</sup> / kg	767 in <sup>2</sup> / lb
<b>Mechanical</b>		
Tensile Strength	45 x 10 <sup>6</sup> N / m <sup>2</sup>	6500 psi
<b>Thermal</b>		
Dimensional Stability	± 4% (30min minutes @ 140°C)	± 4% (30min minutes @ 284°F)
Thermoforming Range	100 – 160°C	212 – 320°F
<b>Barrier</b>		
Moisture Vapor Transmission Rate (38°C, 90% RH)	0,11 g / m <sup>2</sup> / 24 hrs	0.007 g / 100 in <sup>2</sup> / 24 hrs
Oxygen Transmission Rate (23°C, 100% RH)	12 cm <sup>3</sup> / m <sup>2</sup> / 24 hrs	0.79 cm <sup>3</sup> / 100 in <sup>2</sup> / 24 hrs

*Manufactured under Industry Accepted standards for cGMP. Film is composed of ingredients in compliance with existing regulations of the FDA , USP 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.

30-Jan-2005 MvB

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