



TEKNIFLEX® VM100

PureTherm® 1001 LHD

PureTherm® 1001 C

*Thermoformable, FDA-compliant, Pharmaceutical-Grade Monolayer PVC.
Tekni-Plex offers a wide range of PVC films to meet both performance and cost requirements.*

Typical Physical Properties

General	250µ PVC	10 mil PVC
Construction		
Color	Clear Tint	Clear Tint
Specific Gravity	1.33 g / cm ³	1.33 g / cm ³
Total Thickness	250µ	0.010"
Thickness tolerance	± 5%	± 5%
Maximum roll width	1,1 m	42"
Roll width tolerance	± 1,5 mm	± 1/16"
Yield	2,1 m ² / kg	2100 in ² / lb
Mechanical		
Tensile Strength	48 x 10 ⁶ N / m ²	7000 psi
Elongation	100%	100%
Elastic Modulus	2068 x 10 ⁶ N / m ²	300 000 psi
Thermal		
Dimensional Stability	± 4% (15min minutes @ 100°C)	± 4% (15min minutes @ 212°F)
Heat Distortion Temp.	67°C	153°F
Thermoforming Range	100 – 160°C	212 – 320°F
Barrier		
Moisture Vapor Transmission Rate (38°C, 90% RH)	2.8 g / m ² / 24 hrs	0.18 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. 30-Jun-2003 MvB

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