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Technical Data Sheet

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PVC 1001-450 Clear

Clear thermoformable rigid PVC film for pharmaceutical grade blister-packaging,
food & medical-packaging applications.

Physical properties

Property	Unit	Nominal Value	Tolerance	Test Method
Density	g/cm ²	1.4	+/- 2%	ASTM D 746
Total Weight	g/m ²	610	+/- 5%	in house
Shrinkage	%	MD max. -5 TD max. +2	N/A	140°C/10min. DIN 53377
Vicat	°C	75	+/- 1	DIN ISO 306

Barrier properties @ 450micron

WVTR (23°C, 85% RH)	g/m ² /d	1.5	-	ASTM F 1249
WVTR (40°C, 75% RH)	g/m ² /d	3.1	-	ASTM F 1249
O ₂ -barrier (23°C, 50% RH)	cm ³ /m ² *bar*d	12.0	-	ASTM D 3985

General specifications

Thickness	450micron
Thickness tolerance	+/- 5%
Color	Clear - standard
Core diameter	76mm / 152mm
Roll width	80mm ~ 1,500mm
Roll OD	max. 1000mm

- Manufactured under cGMP conditions.
- All global food & pharma packaging regulatory approval including FDA & EU on request
- Specifications are per K.P.Tech's standards but do not constitute any warranty.
- Customer is responsible for determining K.P.Tech's products suitability for purpose and
K.P.Tech limits its liability to free replacement of material found to be out of specification.