



(82) 31-321-4400, Fax. (82) 31-321-4407

...igok-ro 37, Idong-myeon, Yongin-si, Gyeonggi-do, 17130 S.Korea

## Technical Data Sheet

Rev.1. 18.10.17.

### PVC 1001-400 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 <sup>2</sup>	1.4	+/- 2%	ASTM D 746
Total Weight	g/m <sup>2</sup>	550	+/- 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 @ 400micron

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

#### General specifications

Thickness	400micron
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.