



### PH 010 B

### 40 g/m<sup>2</sup> PVDC

<b>Characteristic</b>	<b>Transparent rigid PVC film, good thermoformability. Film for pharmaceutical push-through-packs. Improved water vapour barrier by PVDC-coating.</b>	
Surface of base film	glossy / glossy	
Colours of base film	transparent clear (colour 0015), other transparent colours on request.	
Thickness range of base film	190 - 350 µm	Standard 200 µm and 250 µm
PVDC - coating	40 g/m <sup>2</sup> ± 5 %	23 - 25 µm
Thickness of composite film	224 µm (base film 200 µm)	274 µm (base film 250 µm)
Grammage	316 g/m <sup>2</sup> (base film 200 µm)	385 g/m <sup>2</sup> (base film 250 µm)
Yield	3,16 m <sup>2</sup> /kg (base film 200 µm)	2,60 m <sup>2</sup> /kg (base film 250 µm)

<b>Regulatory</b>	Complies with the requirements of the European Pharmacopeia and with Directive 2002/72/EC and amendments in their current version.
	Complies with Directive 94/62/EC.
	Production and quality controls according to cGMP rules.

Properties	Test Method	Value	Unit
Thickness tolerance of base film	DIN 53370	± 7	%
		± 5	%
Tensile impact strength of new film	DIN EN ISO 8256 - A - 3	> 350	kJ/m <sup>2</sup>
Vicat - Softening temperature of base film	DIN EN ISO 306 VST B50 laminated specimen	77 ± 2	°C
Dimensional stability (Oven, hot air)	DIN 53377 140°C/10 min	MD / TD	max
Thickness of base film 190 - 210 µm		- 8 / + 2	%
> 210 µm		- 6 / + 2	%
Water vapour transmission rate	ASTM - F 1249 38°C / 90% r.h.	0,75	g/(m <sup>2</sup> d)
Oxygen transmission rate	DIN 53380 23°C / 0% r.h.	1,2	cm <sup>3</sup> /(m <sup>2</sup> d)