

HC 135 3A

Transparent rigid PVC film, very good thermoformability for short cycle times at very low forming temperature. Film for pharmaceutical secondary packaging - medical devices.

Improved surface slip.

Surface glossy / glossy
Colour transparent clear (colour 0015)

Standard thickness	300 µm	400 µm
Grammage	405 g/m ²	540 g/m ²
Yield	2.47 m ² /kg	1.85 m ² /kg

Properties	Test Method	Value	Unit
Thickness tolerance	DIN 53370	± 5	%
Tensile impact strength	DIN EN ISO 8256 - A - 3	> 400	kJ / m ²
Tensile strength	DIN EN ISO 527 - 3/2/50	> 48	N / mm ²
Vicat softening temperature	DIN EN ISO 306 VST B50 laminated specimen	70 ± 2	°C
Dimensional stability (oven, hot air)	DIN 53377 140°C/10 min	MD / TD	max
Thickness ≤ 400 µm		- 7 / + 2	%
Thickness > 400 µm		- 5 / + 2	%
Water vapour transmission rate	ASTM - F 1249		
Guide value for thickness 400 µm	38°C / 90% r.h.	< 3	g / m ² d
Oxygen transmission rate	ASTM - D 3985		
Guide value for thickness 400 µm	23°C / 50% r.h.	< 15	cm ³ / m ² d

Complies with the requirements of the current version of European Pharmacopeia and with EU Regulation (EC) No. 10/2011 according to article 16 and 22 and amendments ** and with directive 94/62/EC. Production and quality controls according to ISO 15378.

** Products placed on the market based on the requirements set out in Directive 2002/72/EC are still valid until 5 years after the adoption of the regulation.

The film should be stored in its original packaging at room temperature below 30 °C / 86 °F not directly exposed to sunlight and humidity and should be used within 24 months. Ideal storage conditions: 18 - 24 °C (64 - 75 °F), 40 - 60 % r.h. After transport and storage at cold temperature the film should be conditioned at minimum 24 hours to room temperature.

All information provided in this data sheet is based on our current best knowledge. The values presented in this data sheet are typical values and are not to be interpreted as product specifications. Changes in this datasheet are possible at any time and are not submitted to an automatic update to customers.