

# Technical Data Sheet



**Product name:** Pentapharm® PH-M570/01  
**Rigid PVC Film**

Previous Name: Pentapharm® 170/01

**Description:** Thermoformable rigid PVC film suitable for pharmaceutical packaging

**Color:** 71/9400 (Clear)  
**Surface:** Gloss / Gloss

Properties	Standard	English		Metric	
		Unit	Value	Unit	Value
Thickness	TM-66	mil	10 ± 5%	µm	254 ± 5%
Yield (Coverage)	T-51	in <sup>2</sup> /lb	2032	m <sup>2</sup> /kg	2.88
MVTR (38°C, 90%RH)	F-1249	g/100 in <sup>2</sup> /day	0.18	g/m <sup>2</sup> /day	2.79
O <sub>2</sub> TR (23°C, 100%RH)	D-3985	cc/100 in <sup>2</sup> /day	0.91	cc/m <sup>2</sup> /day	14.1
UV Transmission (340nm)	TM-97	%	65	%	65

**Regulatory:**

- Klöckner Pentaplast certifies that its rigid film and sheet products comply with the most recent package requirements for heavy metals of the Toxic Packaging Clearing House (TPCH, formerly CONEG) legislation and the latest March 9, 2005, requirements of the European Packaging Directive EU 94/62, as well as European Union Directive 2002/95/EC (RoHS - Reduction of Hazardous Substances).
- Klöckner Pentaplast rigid films and sheet products do not contain any Ozone depleting substances, including those listed in the 1990 Clean Air Act Amendments.
- No DEHP (Di-ethylhexyl phthalate) or DEHA (Di-ethylhexyl adipate) or any other phthalate or adipate additives are used in the manufacture of Klöckner Pentaplast rigid film and sheet products.
- Complies with regulations administered by the U.S. Food and Drug Administration for direct food contact, including all applicable sections within 21 C.F.R. Sections 174 through 186.
- No alkyl phenols (octyl and nonyl), alkyl phenol ethoxylates (octyl and nonyl), or butyl benzyl phthalates are used in the manufacture of this kp film.

**Storage conditions:**

- Ideal storage conditions between 10-30C (50-86F)
- Ideal RH between 40-70%
- Should be stored in original packaging
- Should not be stored in direct sunlight
- Film should be conditioned a minimum of 24 hours at ambient temperature

The statements contained herein are for informational purposes only and are true and accurate to the best of our scientific and technical knowledge. This information does not constitute a guarantee or warranty, express or implied, nor does it establish a legally valid contractual relationship. It is the customer's responsibility to determine the suitability of this product for the customer's intended use, and Klöckner Pentaplast does not assume any liability for the customer's use of this product or the information contained herein.

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# CLASS B X-LARGE

