



ONGROFOL® Pharma

Pharmaceutical films manufactured by Ongropack Ltd. are in compliance with latest European Pharmacopeia directives and have FDA (Food and Drug Administration) registration. Pharma type films fully comply with EU regulations related to plastic materials and articles intended to come into direct contact with food and drug. Ongropack Ltd. is fully aware that the pharmaceutical industry demands safe, high quality packing materials, therefore we offer our **ONGROFOL® PHARMA** type film for the packaging of pharmaceutical products. These films have excellent gas-tight property.

Therefore they can be used in wide range as both primary and secondary packaging material. We can offer a wide range of products in clear, translucent and opaque colours for high demanding pharmaceutical applications. Ongropack Ltd. considers the production, continuous development and sale of pharmaceutical films of strategic importance. Consequently, we have launched an investment programme aimed at the realisation of "Clean Room System", further development of manufacturing conditions in compliance with the high demands of the pharmaceutical industry.





ONGROFOL® Pharma

Technical parameters

Parameters	Unit	Value
Width	mm	54 - 1550
Thickness	µm	150 - 500
Max. outer diameter	mm	54 - 150 (width)
		max. 400
		151 - 300
		max. 600
		301 - 1550
		max. 800
Internal diameter	mm	76, 152*
Tensile strength	mpa	min. 46
Transparency	%	min. 86
Vicat B	°C	74 - 76
Oxygen permeability OGTR 23 °C, RH0%, 0,25 mm	cm ³ /m ² ×d×bar	17,6 ± 0,9
Carbon dioxide permeability CO2GTR 23 °C, RH0%, 0,25 mm	cm ³ /m ² ×d×bar	18,8 ± 0,8
Water vapor transmission ability WVTR 38 °C, RH 90%, 0,25 mm	g/m ² ×d×bar	3,3 ± 0,1

*From 300 mm width



Advantages

- › high transparency
- › good thermoformability
- › chemical resistance
- › wide range of colors and sizes

Application

- › packaging of medical equipments
- › packaging of ampoules or syringe
- › blisters for pills, capsules

Ongropack Ltd.
H-3711 Szirmabesenyő, Miskolci street 19.
Phone: +36 48 574 538
E-mail: film@ongropack.hu



www.ongropack.com