



## Product datasheet

PET 12 // PE/EVOH5/PE 100

High gloss laminate structure based on PET and PE. It has a high barrier EVOH layer. The structure has high mechanical and thermal stability with strong seal strength. Typically used for VFFS and HFFS applications or stand up pouch production.

Layer (from outer to sealing)	Thickness (µm)
Clear polyester	12
Primer	1
HP Electroink*	1
Water based lamination adhesive	3,5
Clear polyethylene with EVOH layer	100

\*Ink thickness depends on the design

Technical data	Reference	Mean Value	Unit
Grammage	ISO 536	115,8	g/m <sup>2</sup>
Thickness	ISO 536	117,5	µm
Sealing temp	Internal	140-170	°C
COF <sub>ins</sub>	ASTM D 1894	0,3	
COF <sub>out</sub>	ASTM D 1894	0,4	
W.V.T.R.	ASTM F 1249	3,0	g/m <sup>2</sup> /24h
O.T.R	ASTM D 3985	2,6	cm <sup>3</sup> /m <sup>2</sup> /24h

Suitable for:	Storage conditions:
Freeze storage	Yes
Fridge storage	Yes
Room temperature	Yes
Warm storage (above 65°C)	-
Hot fill (70-100°C)	-
Microwave oven	-
Oven	-

Rolls should be stored in dry, closed and sun protected place, minimum 1 meter away from heating units. Store away from possible contaminants, e.g. oils and odorous substances. Film should be stored at 15-30°C temperature and 40-65% relative humidity for at least 48 hours.

This specification is intended as a general guide only. It is recommended that full trials are carried out to ensure the suitability of the products for food applications. Technical data provided and tests are carried out by the manufacturer.