



## Product datasheet

PET 12 // PET 12 Met // PE 100

High gloss laminate structure with a high barrier metallized PET layer. It has high mechanical and thermal stability with strong seal strength. Typically used for stand-up pouches and 3 side seal bags.

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

\*Ink thickness depends on the design

Technical data	Reference	Mean Value	Unit
Grammage	ISO 536	137,6	g/m <sup>2</sup>
Thickness	ISO 536	133	µm
Sealing temp	Internal	120-160	°C
COF <sub>ins</sub>	ASTM D 1894	-	
COF <sub>out</sub>	ASTM D 1894	0,4	
W.V.T.R.	ASTM F 1249	0,8	g/m <sup>2</sup> /24h
O.T.R	ASTM D 3985	1,0	cm <sup>3</sup> /m <sup>2</sup> /24h

Suitable for:	Storage conditions:	
Freeze storage	Yes	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.
Fridge storage	Yes	
Room temperature	Yes	
Warm storage (above 65°C)	-	Film should be stored at 15-30°C temperature and 40-65% relative humidity for at least 48 hours.
Hot fill (70-100°C)	-	
Microwave oven	-	
Oven	-	

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.