



Product datasheet

Brown Kraft Paper 45g // PET 12 Met // PE 100

Sustainable paper from agricultural waste 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)
HP Electroink*	1
Primer	1
White Kraft Paper	65
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	165,8	g/m ²
Thickness	ISO 536	186	µm
Sealing temp	Internal	120-160	°C
COF _{ins}	ASTM D 1894	-	
COF _{out}	ASTM D 1894	-	
W.V.T.R.	ASTM F 1249	0,8	g/m ² /24h
O.T.R	ASTM D 3985	1,0	cm ³ /m ² /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. Film should be stored at 15-30°C temperature and 40-65% relative humidity for at least 48 hours.
Fridge storage	Yes	
Room temperature	Yes	
Warm storage (above 65°C)	-	
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.