



Product datasheet

Paper // Cellulose // PLA

High barrier industrially compostable laminate structure made from bio-based materials. All components are certified as compostable according to EN 13432. Typical structure used to produce compostable pouches or 3-side seal bags. Can be used for dry products only.

Layer (from outer to sealing)	Thickness (µm)
HP Electroink*	1
Primer	1
Kraft paper from agro waste	45
Compostable water based adhesive	3,5
Cellulose film	19
Compostable water based adhesive	3.5
Clear PLA film (biosealant)	40
Compostable water based adhesive	3,5
Clear PLA film (biosealant)	40

*Ink thickness depends on the design

Technical data	Reference	Mean Value	Unit
Grammage	ISO 536	184,7	g/m ²
Thickness	ISO 536	156,5	µm
Sealing temp	Internal	85-140	°C
COF _{ins}	ASTM D 1894	0,35	
COF _{out}	ASTM D 1894	0,35	
W.V.T.R.	ASTM F 1249	20,0	g/m ² /24h
O.T.R	ASTM D 3985	5,0	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 17-23°C temperature and 35-55% 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.