



Product datasheet

PE MDO 25 // PE/EVOH/PE 100

Recyclable high gloss laminate structure based on 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. Can be recycled under code 4 – LDPE.

Layer (from outer to sealing)	Thickness (µm)
Clear polyethylene	25
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	122,5	g/m ²
Thickness	ISO 536	130,5	µm
Sealing temp	Internal	140-170	°C
COF _{ins}	ASTM D 1894	0,2	
COF _{out}	ASTM D 1894	0,4	
W.V.T.R.	ASTM F 1249	3,0	g/m ² /24h
O.T.R	ASTM D 3985	2,6	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.