



Product datasheet

PE MDO 25 // PE/EVOH/PE 100 White

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 matte polyethylene	25
Primer	1
HP Electroink*	1
Water based lamination adhesive	3,5
White 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	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	
Room temperature	
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.