

MarFlex® 1023

EXTRUSION COATING GRADE LOW DENSITY POLYETHYLENE

This LDPE is tailored for applications that require:

- Excellent processability
- High line speed at low coating weights
- Good drawdown characteristics
- Low neck-in
- Low coefficient of friction
- High amounts of slip agent

Typical extrusion coating applications include:

- Food packaging
- Laminations
- General paper and board packaging
- General flexible packaging

Nominal Resin Properties	English	SI	Method
Density	---	0.917 g/cm ³	ASTM D1505
Melt Index, 190C/2.16Kg	---	13 g/10min	ASTM D1238
Melting Point	216 °F	102 °C	ASTM D3418
Vicat Softening Temperature	189 °F	87 °C	ASTM D1525
Slip	1500	1500	---

Nominal Extrusion Coating Properties at 1 mil (14.4 lbs/ream) ^{1,2}	English	SI	Method
COF	0.1	0.1	ASTM D1894
WVTR	1.52 g/100in ² /day	24 g/m ² /day	ASTM F1249
OTR	490 cm ³ /100in ² /day	7600 cm ³ /m ² /day	ASTM D3985

1. Testing performed on coated slip sheets at 14.4 lb/ream or 1.0 mil

2. Coefficient of friction testing performed on poly coated paper. COF polymer to metal was 0.25.

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