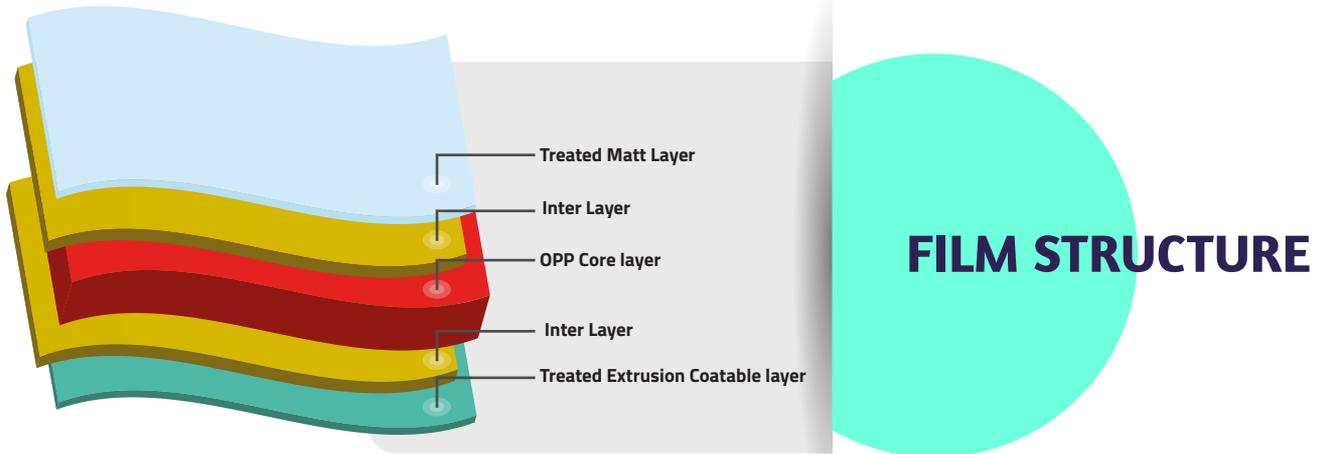


B-MET

Direct Extrusion Coating Matt Bopp Film (EVA)

B-MET is a co-extruded both side treated film with one side standard matt other side functionally modified surface for direct extrusion coating (EVA).



THE BIG DIFFERENTIATORS



Consistent Extrusion Bond
Long lasting strong extrusion bonds.



Excellent Matt Dispersion
Imparting subtle richness to branding.



Good UV Spot Coating
Imparting superb spot gloss to branding.



Good Contact Clarity
Low gloss level derives elegant print graphics.



Good Bond
Stronger Extrusion Bond With EVA

KEY FEATURES:

- Direct extrusion coatable (without primer)
- Good extrusion bond
- Good matt dispersion
- High haze & low gloss
- Good thermal stability

APPLICATIONS:

- Base matt film for EVA extrusion coating for thermal lamination

| PROPERTIES | | TEST METHOD (ASTM) | UNIT | TYPICAL VALUES | |
|--|--------|--------------------|-------------------------------|----------------|-------|
| THICKNESS | | Internal | Micron | 13 | 15 |
| | | | (Gauge) | 52 | 60 |
| FILM DENSITY | | D-1505 | gm/cc | 0.87 | |
| GRAMMAGE | | Internal | gm/m ² | 11.3 | 13.1 |
| YIELD | | Internal | m ² /kg | 88.5 | 76.3 |
| | | | in ² /lb | 62215 | 53639 |
| TREATMENT LEVEL | | D-2578 | dyne/cm | 38 | |
| HAZE | | D-1003 | % | 70 | |
| GLOSS (at 45°) | Matte | D-2578 | Unit | 9 | |
| | Gloss | | | 92 | |
| TENSILE STRENGTH AT BREAK | MD* | D-882 | kg/cm ² | 1100 | |
| | TD* | | | 2200 | |
| | MD* | | (KPsi) | 15.6 | |
| | TD* | | | 31.3 | |
| ELONGATION AT BREAK | MD* | D-882 | % | 200 | |
| | TD* | | | 70 | |
| LINEAR SHRINKAGE (max) (5 Minutes at 130° C) | MD* | D-1204 | % | 6.0 | |
| | TD* | | | 3.0 | |
| HEAT SEAL STRENGTH | (Min.) | Internal | gm/25mm | 350 | |
| WATER VAPOUR TRANSMISSION RATE (38° C & 90% RH) | | F-1249 | gm/m ² /day | 8.6 | 8.0 |
| | | | (gm/100 in ² /day) | 0.55 | 0.52 |
| OXYGEN TRANSMISSION RATE (23° C & 0% RH) | | D-3985 | cc/m ² /day | 2200 | 2100 |
| | | | (cc/100 in ² /day) | 142 | 135 |

Ref no QAD UFLI S/14 – B 28/3

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

STORAGE & HANDLING

FLEXOPP™ does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at operating environment for 24 hours before processing. FLEXOPP™ is best suitable for use within 6 months from date of dispatch.

FOOD CONTACT

FLEXOPP™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customers to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

**TDS issued on 01-04-2020.All previous version of this grade are invalid.

FlexFilms

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