


# RECYCLABLE PP MONO-MATERIAL SOLUTION WITH HIGH PERFORMANCE OPP films

## PP-based 3-ply high barrier laminates for multi-lane machines

### MONO-MATERIAL SOLUTION

<b>PRINT WEB:</b>	BICOR 12MB100 – heat stable OPP film
<b>BARRIER WEB:</b>	METALLYTE 16MM883 – Ultra high barrier vacuum metallized OPP film
<b>INNER WEB:</b>	Low SIT cast PP film – 38 µm
<b>CONVERSION:</b>	FLESSOFAB  <b>Flessofab</b> your flexible packaging

### PACKAGING MACHINERY

<b>SUPPLIER:</b>	MARCHESINI GROUP SCHMUCKER
<b>FORMAT:</b>	VFFS multi-lane stick pack
<b>TYPE:</b>	Model MT1500



### Features

- Mono-material compositions (>90% PP)
- Outstanding barrier to light, moisture, Oxygen (WVTR 0.1, OTR 0.1), aromas and mineral oils
- Improved heat resistant OPP outer web combined with low seal initiation temperature CPP
- Reduced packaging weight compared to current 3-ply non-recyclable solutions (e.g. PET/ALU/PE)
- Improved mechanical properties (e.g. puncture resistance, tear propagation)
- Easy tear from a notch

### Benefits

- Conforms to CEFLEX recycling guidelines
- Full compatibility for mechanical recycling in PP or mixed PO streams
- ALU-free, PET-free, Paper-Free
- Great barrier keeps products dry and safe  
Provides outstanding protection for sensitive powdered foods & dry beverages
- Robust VFFS performance for demanding multi-lane applications
- Delivers up to 20% packaging weight reduction over current Alu foil structures



