

DOUBLE STAGE EXTRUSION COATING & LAMINATING LINES FOR NEW FLEXIBLE PACKAGING (JUICES AND OTHER)

WHAT IS THE ALTERNATIVE TO THE ASEPTIC FLEXIBLE BRICKS?

Aseptic Flexible bricks have a dominant position in the market but it is not the “one-and-only choice” in flexible packages for Fruit Juices and Milk. Aseptic system is very practical but the initial investment is very big and maintenance costs are also high.

What is available on the market that may NOT involve a very high initial investment? And what is available on the market that may give to the end users a high degree of “independence” in using locally-made multi-layer web?



Limiting for the moment our observation on an alternative packaging system for Fruit Juices (extendable also on high-viscosity products like Honey, Tomato Paste, Ketchup, Mayonnaise and even chemical liquids packaging), we can see on the market few types of flexible stand-up pouches with “Spout”, Hot-filled with fruit juice, fruit pulp, honey, syrups.....etc.

These pouches are made with Alufoil Extru-Laminated with Bi-oriented PET (or PP) and PE (paperboard is not used!) and we have established a Commercial Cooperation with an Italian manufacturer of Pouch Form-Fill-Seal machines.

It is not an Aseptic system but is a Hot-Filled system that gives to the juice from 3 to 6 months self-life, without the need of refrigeration.

This web is produced with a **Double-Stage Co-Extrusion Coating/Laminating Line**, where paperboard is replaced by **Bi-oriented & Primerized Film** and where **there is NO need of the Third Stage section**.

Besides, also the investment of the Slitter-Rewinder and of the 8-colour Flexo press are substantially lower than for the Aseptic case (no need of creasing & punching).

With this system, Customer can purchase from AMUT DOLCI BIELLONI the Double stage line, the Slitter and the Flexo Press to produce the rolls of web and purchase directly the Spout-Pouch machines & down-stream equipment from our-recommended Co-Suppliers.

Note: the approx. cost of each pouch with spout & cap is a little higher than the equivalent aseptic brick of same capacity, mainly due to the fact that the output speed of the pouch Form-Fill-Seal machines is lower than the output speed of the aseptic F.F.S. machines.

Is the Double-Stage line for the production of rolls for Pouch making is usable only for Pouch making? NO! The same line can also produce multi-layer webs, to be converted in:

- Tubes for tooth-paste and for Cosmetics
- Pillow-type small pouches for medicines & disposable items
- Vacuum packs for Coffee, Aroma -Tight vacuum packs or pelletized food for pets.

**DOUBLE STAGE EXTRUSION COATING / LAMINATING LINE FOR
BOPET/PRIMER/PE/EAA/ALUFOIL/EAA/PE**

