

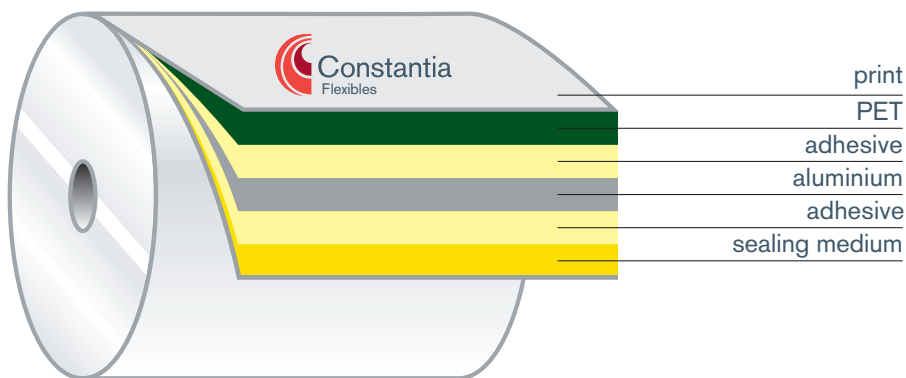
Stick Pack with Opening Aid

Big enough to dare,
small enough to care.

The packaging of powders, granules or even paste-like pharmaceutical preparations as single doses in stick packs is becoming ever more popular. Consumers can easily carry preparations with them and then take them while away from home.

A benefit of this relatively new form of packaging for the pharma industry is the significantly lower use of material compared with sachets. This is an important aspect from a sustainability point of view. It also allows costs to be reduced by up to 40% over the whole logistics chain.

The foil laminate used comprises PET/Al/sealing medium or even paper/Al/sealing medium to protect the contents against moisture, oxygen and light. A laser perforation below the seal ensures easy opening of the stick. The PET or paper in the area of the laser seam is partially removed. For the Opening Aid TOF the outer layer PET is punctually mechanically perforated. The aluminium layer remains intact thereby ensuring the impermeability of the stick for both opening aids.



Thanks to the predetermined breaking point, the pack can be opened easily along the opening aid producing a clean tear-off edge. Unlike a conventional stick pack with a tear notch, the sticks with the opening aid can be emptied completely because there is no need for the seal to protrude to accommodate the tear notch.

The design of the opening aid can be modified to meet specific requirements and can also be rendered child-resistant. The laser perforation, in the transverse and longitudinal direction, is made during the final process step together with the slitting operation in a Class 8 clean room in accordance with ISO 14644 (previous Class 100.000). The sealing media used are pharmaceutically approved.

