

The logo for ITAPAC K, with 'ITAPAC' in white on an orange background and 'K' in blue on a white background.

ITAPAC
K

SIMPLY RELIABLE

**Solutions For
Stretch Sleeve Labeling**

**THE LABEL
TO PERFECTLY DRESS
YOUR CONTAINER**



STRETCH SLEEVE FEATURES

The stretch sleeve label is made of a tube of linear low density polyethylene (LDPE) film with elastic properties. It allows a 360-degree **graphic coverage** with a maximum brand recognition, it does not require any glue application or heat process to fit the bottle shape (**NO glue/No heat/No steam**). Complex shaped containers can be decorated seeing the sleeve **conforms tightly to the shape**. In addition the film is able to expand or contract with the container always fitting the flush and also useful to stabilize and counteract bottle distortion. It is ideal for squeezable bottles and carbonated beverages.

The stretch sleeve offers a great external **agents resistance** avoiding the damage typical on containers when using traditional labels. They are **moisture-proof** and a high resistance to light and temperature for **long lasting shelf appeal**.

On some containers, seen the particular humid conditions, the stretch sleeve results an excellent labeling choice. An increased flexibility and reduced storage costs are experienced on the reusable containers (e.g. metal barrel) where several possible decorations are possible. It is a perfect labeling choice for containers (e.g. detergent, oil, chemicals) where the great resistance to external agents is a must.

LABEL PRINTING

10-colors flexographic printing on clear or opaque film, specialty and metallic inks, coating or lamination that protects the printing against friction and runs. An high graphics impact is obtained offering colors and line screen to manage the choose and increase the final. On clear film a "no label look" sleeve is available for a special bottle brand. Surface and reverse printing is available to protect the label from spray or leakage. An extended printing area permits to get a high level of regulatory requirement.

Why choosing a stretch labeling?

- The lightest & Most sustainable sleeve label
- Energy SAVING
- Reduced Carbon Footprint
- Mono material packaging on HDPE bottles
- The ECO-FRIENDLY decoration
- Improves RECYCLING Process
- High efficiency process
- Easy removal from PET bottles (PET sinks LDPE floats)



Ideal for squeezable containers
 NO pleat formation or bubbles
 360° graphic display
 Conforms tightly to the shape and counteract container's distortion
 Reverse printing protects graphics
 Resistant to moisture and temperature changes
 Long life shelf appeal

TECHNICAL FEATURES AND PERFORMANCES

The containers are labelled in continuous mode by one (KSL50/100), two (KSL200) or three ((KSL300) in-line applying heads, each one synchronised with the bottle's transport conveyor.

The sleeve application cycle is tailored to the specific container format to be worked. The grippers path, accurately tracks the bottles' flow so to optimize each format cycle thus increasing the efficiency and reliability of the machine.

Each couple of mechanical grippers (one couple for each applying head) carries out the application of the sleeve by gripping the open tubular and pulling it by its two bottom edges along the container.

The releasing of the sleeve in the desired position is fully adjustable. It is possible to obtain a high precision in the positioning of the sleeves and a complete determination on the orientation of the sleeve on the bottle. The adoption of a fully servomotor driven technology allows for high performances and the highest flexibility on format changeover. ITAPACK adopts the state-of-the art technology on multiple axis control available on the market (A&B, Siemens).

Key points of the ITAPACK in-line stretch sleeve labeling:

Accessibility the machine is fully accessible in order to facilitate and shorter cleaning & maintenance operation

Clamp's stroke is managed by servomotors , therefore it is possible to design a specific path of the sleeve application clamp per each format to be worked

Flexibility on different format sizes All the format changeover parts are designed for fast and tool-less operation

Bottle's pocket conveyor to allow for the positive transport of the bottles

The sleeve can be applied on a wide range of containers : PET,PE,PVC, HDPE , glass , metal barrels, drums etc. , either wet or dry, empty or filled , covering a range of production speed from 1500 to 16.000 container per hour.

Models	KSL25	KSL50	KSL100	KSL200	KSL300
Capacity (BPM)	25 bpm	50 bpm	60/80 bpm	120/160 bpm	180/280 bpm

The machine speed must be verified according to the container's size&shape.



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Automatic packaging machines

Macchine automatiche
per il confezionamento



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