



TECPACK

JOUAYED CO. FOR PRINTING & PACKAGING LTD

Your Professional Partners

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TecPack Overview

Biography

The company was founded in 1970 by **Mr. Henry Jouayed**, under the commercial name “STARPLAST” which excelled over the years in the plastic packaging industry.

Today, coupling with technical knowledge of the industry with a "can do" attitude Jouayed Co. for Printing & Packaging business evolved after nearly three decades to become a limited company, and opened its state-of-the-art factory in Aleppo under the commercial name of “**TecPack**”.

TecPack offers innovative and flexible packaging solutions for a wide variety of applications, products, and industries with the aim to remain passionate about the service it caters to its clients.

Why Pick TecPack?

We differentiate ourselves with most set of tailored packaging products and robust services that help you enhance brand positioning, streamlines manufacturing processes, and can improve production efficiencies to meet the demanding specifications of your packaging requirements.

Not to mention we commit to the highest standards of professionalism by investing in Human Resources, machineries, R&D and Quality control.

Products



Ready-made Bags:

- 1. Vacuum & barriers Bags** - for coffee, cheese, cold cuts, frozen, olives... etc.
- 2. Laminated Stand-up Pouch** - ideal for promotion packaging, chocolate, candies and biscuits
- 3. Laminated Eco-Bags** – high durability bags usually used for detergent pouches & rice.
- 4. Heavy-duty Valve Bag** – can hold a weight up to 50kg and ideal for petro-chemical products & fertilizers.



Shopping Bags

Shopping carry bags are made of plastic polymer of ethylene (polyethylene) and can be produced with soft loop, patch, and die cut handle options:

1. Trendy bags that come with soft loop, die-cut or patch handles.
2. Bags for textile products made of BOPP high gloss film laminated or non-laminated & supplied with self-adhesive tape.
3. Draw Tape Bags such as laundry bags.



Hygiene Bags:

Hygiene bags are made of PE film for packaging diapers, tissues, toilet and kitchen rolls.



Laminated Printed Films:

- 1. CPP Laminated with BOPP** – used for pasta, dried fruits and bread products.
- 2. BOPP Laminated** – suitable for chips packaging, confectionery such as cookies, and biscuits.
- 3. Polyester Laminated** – is a reverse printed PET laminated with CPP or PE used for powder detergents or other applications.
- 4. Aluminum Laminated** – is a reverse printed polyester laminated with ALU foil & PE in the inner side for better welding. This type of film is ideal for powder soft drinks, coffee and dry food...etc.



Non-laminated Printed Films:

1. **Clear, white opaque or pearlized BOPP film** – used for ice-cream & chips.
2. **Polyethylene (PE) film** – suitable for deep frozen food stuff and spices packaging.
3. **PE Shrink** – Polyethylene (PE) film for shrink wrapping such as boxes packing, pallet wrapping, capping & 6-pack packaging.



Sleeves

1. **Shrink sleeve** – ideal for all types of bottles and containers that conform to the shape of the containers by heat shrinkage.
2. **Stretch sleeve**– labels that fit bottles (non-conical shapes) without need of thermal source.



- **Labels:**

1. **Cut & Stack Labels:**

We offer you wide range of substrates from paper to white, clear & metalized film with exceptional scratch resistance & high gloss graphic and printings.

2. **Warp Around Label:**

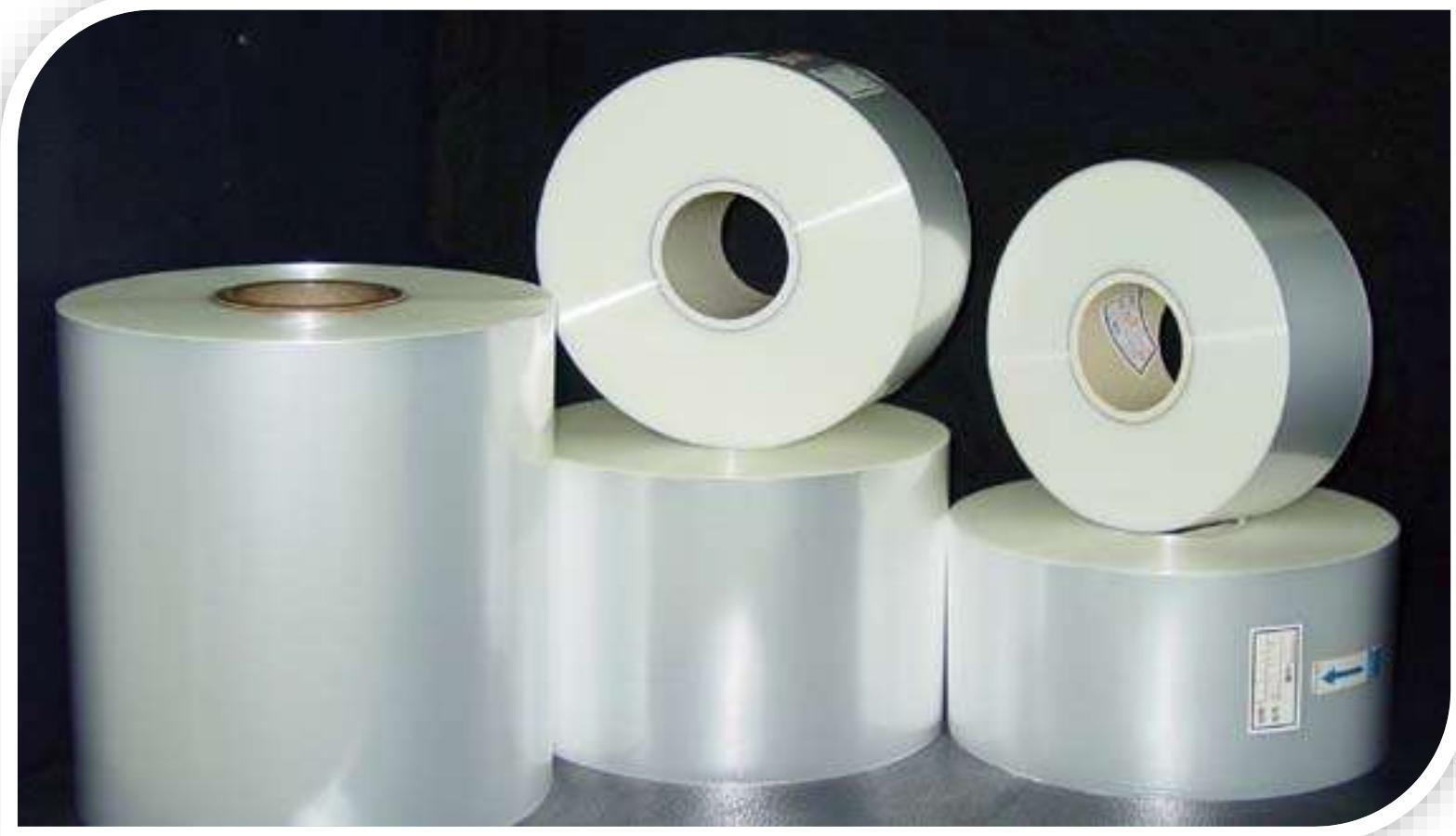
Increasingly, our customers are looking for Wrap Around Label, to gain increased production efficiencies & cost savings .

We offer you wide range of film substrates whether you need white film, clear film or metalized film.

Raw Materials Glossary

- 1. BOPP (Biaxial Oriented Polypropylene)** – it's 3 times stiffer than cast film & 8 times of PE film; Moisture proof, twist resistant, doesn't shrink or wrinkle & have high seal strength. Can be produced in white opaque, transparent, metalized, pearl or crystallized.
- 2. CPP (Cast Polypropylene)** – More flexible than OPP & stretchable, high gloss, excellent heating sealing performance & high heat resistance; Run efficiently on high speed packaging machines. Used in side-weld seal bags, stand-up reclosable pouches for textile & food packaging. Mainly used as a second sealing layer and can be produced in metalized film, transparent & white opaque.

3. BOPET (Biaxially Oriented Polyethylene Terephthalate or Polyester PET) – used in flexible packaging such as detergents, beverages & shampoo; Transparent PET film used for printing layer & metalized only used as mid layer which is high tear resistance.



Production & Process



Production

We are equipped with the right machinery for the ultimate packaging solutions combined with the implementation of international quality control measures to process:

- Blown Film Extrusion Machineries.
- Solvent-based and solvent-free lamination.
- Cold Seal Coating.
- Slitting & cutting machines: present different options & choices for different flexible packaging materials.

Printing Capabilities & Color Unit



Printing Capabilities & Color Unit

We start by mixing required inks to artwork standards by dedicated system (IFS), we then print films and extruded materials on our state of the art German printing line using an 8 color CI-Drum technology. This technology allows high register accuracy even on different printing substrates.

- Advanced HD digital Flexo Printing up to 8 colors
- High-impact process printing (Registration)

Storage

Raw materials, plastics films, paper, aluminum foil, chemicals like printing inks and lamination adhesives used in the manufacturing of packaging materials are stored in a warehouse under hygienic and convenient conditions.

1. Printing Plates and Plates Mounting:

Knowing that the reached quality of the digital plate production will reflect to the printing process, we arrange for a complete solution & digital mounting plates using the most advanced technology.

2. Press proof:

Before starting the mass printing process, the press proof is performed to control whether produced plates are ready for printing or not.

3. LAMINATION

Duplex and triplex lamination processes can be conducted via lamination machines which can carry out laminations with solvent-based, solvent-less.

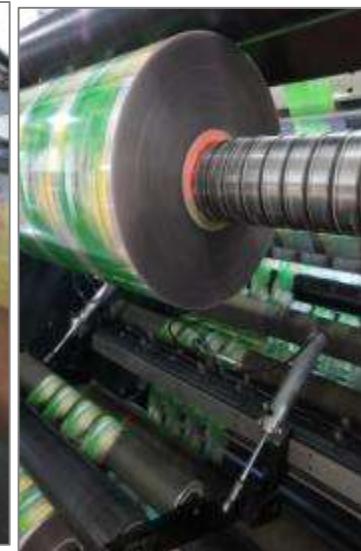
4. Blown Film Extrusion

Is the process by which most commodity and specialized plastic films are made for the packaging industry by using the best ideal raw material according to the packaging application.



5. Slitting and Cutting

There are automatic slitting machines, dimension cutting machines which can carry out slitting and dimensioning in which the finished materials are slitted into rolls to conform with customer packing requirements.



Quality Control

Strict compliance measures are imposed on every processed job to ensure retention of quality production and client satisfaction in conformity with ISO 9001:2008 procedures.

The following tests measures are carried out by our laboratories:

- Bond strength
- Solvent retention
- Coefficient of friction
- Heat seal strength
- Cold seal strength
- Tensile strength
- Elongation at break strength
- Color density & Artwork clarity



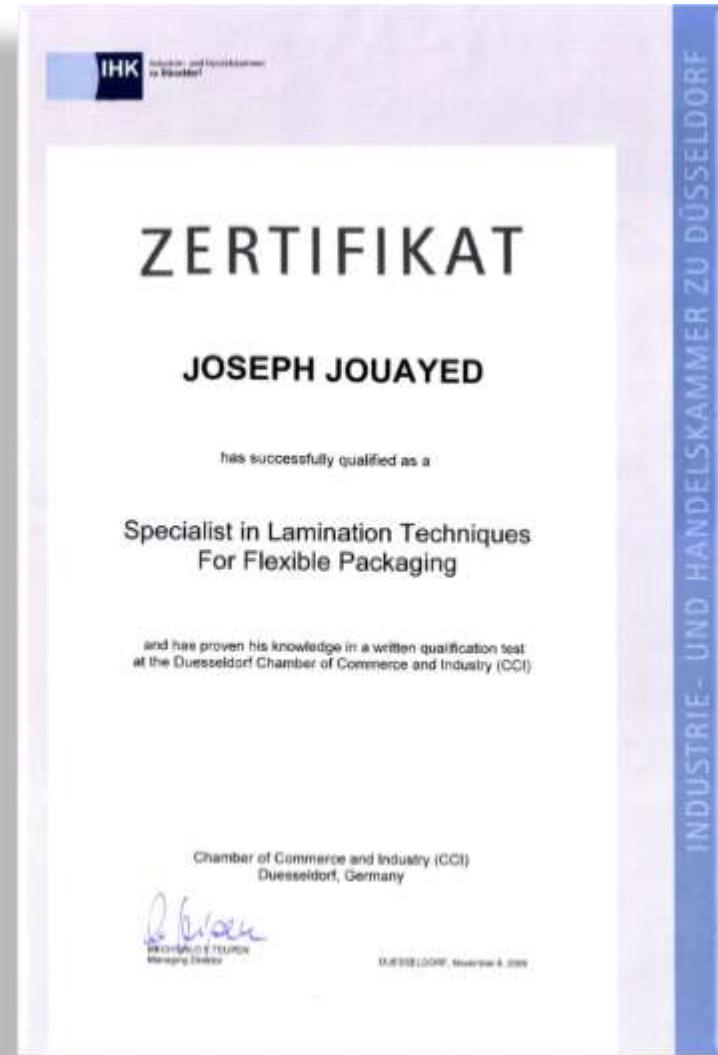
Some of our clients



Some of our suppliers

 Taghleef Industries	 Henkel	 tesa	 SIEGWERK	 ZECHER
 klöckner pentaplast	 FLEX	 Flint Group Flexographic Products	 PETROCHEM Distributing Chemicals Globally	 ExxonMobil
 ESKO	 POLYWEST SLEEVE SYSTEMS	 A. Schulman	 سابك sabic	 Daetwyler SwissTec AG

Certificates



INDUSTRIE- UND HANDELSKAMMER ZU DÜSSELDORF

Liofol® Academy Certificate

Liofol® Academy | Düsseldorf



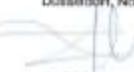
Liofol® Academy
Training



Joseph Jouayed

has successfully completed the Liofol®
Academy Training held in October/November
2009 in Düsseldorf.

Düsseldorf, November 6 2009


Jean Fayolle
Henkel AG & Co. KGaA, Corporate Senior Vice President Industrial Adhesives



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