



KANODIA

30 Years of
Experience
in Packaging

A leader in development of advanced
**Flexible Packaging
& Plastic Films**



An ISO 22000:2005, 140001:2004 & 9001:2008 Certified Company

Integrated Flexible Packaging Solutions

Laminated Films & Pouches



High barrier innovative packaging solutions for FMCG & Pharma Industry

- Single/two/three/four/five laminated layers
- Side seal/Center seal/Stand-up/Zipper/Shaped/Quad seal pouches
- Gift wraps

Packaging & Security Films



High value solutions for packaging convertors & security film consumers

- Cast Polypropylene (CPP)
- Metallised BOPET, BOPP, CPP, Paper
- Holographic BOPET, BOPP, CPP, Paper

Rotogravure Cylinders



High precision solutions for rotogravure printing industry

- Printing cylinders
- Coating cylinders
- Gift wrap and embossing cylinders

Laminated Films & Pouches

Printing capabilities:



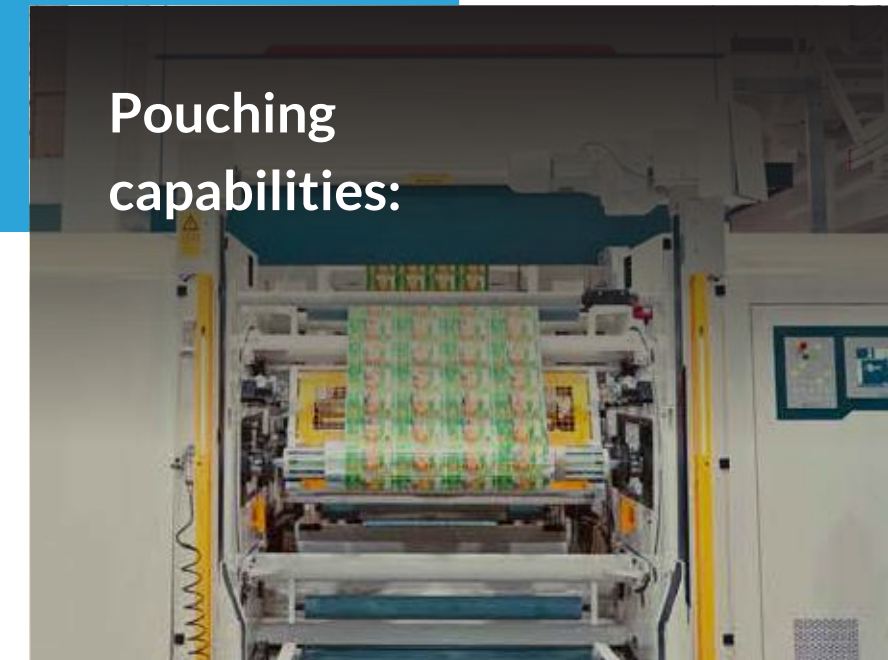
- **Six Gravure Printing Presses (Cerruti and Uteco, Italy make)** – 10 colour printing with Automatic Registration Control and Defect Detection
- **One Flexographic Printing Press** – 10 colours from W&H, Germany

Lamination Capabilities:



- Ten **Solvent-less laminators** (350 mpm) and **Solvent-base laminators** (450 mpm) from Nord Meccanica Italy
- **Water-based laminaton** for environment friendly packaging
- **UV Coatng machines** for high-gloss laminates
- Extrusion coating lamination

Pouching capabilities:



- **20 POUCHING MACHINES:** Pouching capabilities include - 3 side seal/center seal/ quadseal /stand up pouch/ bonom fold pouches w/o zipper, carry bags with handles

Infrastructure (Flexible Packaging)



Rotogravure Printing



Flexographic Printing



Lamination Machines



Pouch-making Machines



Blown Extrusion



Roto-Cylinder Engraving





Cast Extrusion



Vacuum Metaliser



Soft embossing, holograms



demetalising



Jumbo Slitting



High-speed Slitting Machines



Packaging Films

Cast Polypropylene

- India's largest producer of CPP films with a capacity of 18000 MT p.a.
- Two high output 3 layer and 7 layer barrier CPP film lines from Windmoller & Holscher and Reifenhäuser, Germany: 300 mpm running line speeds

Vacuum Metalliser

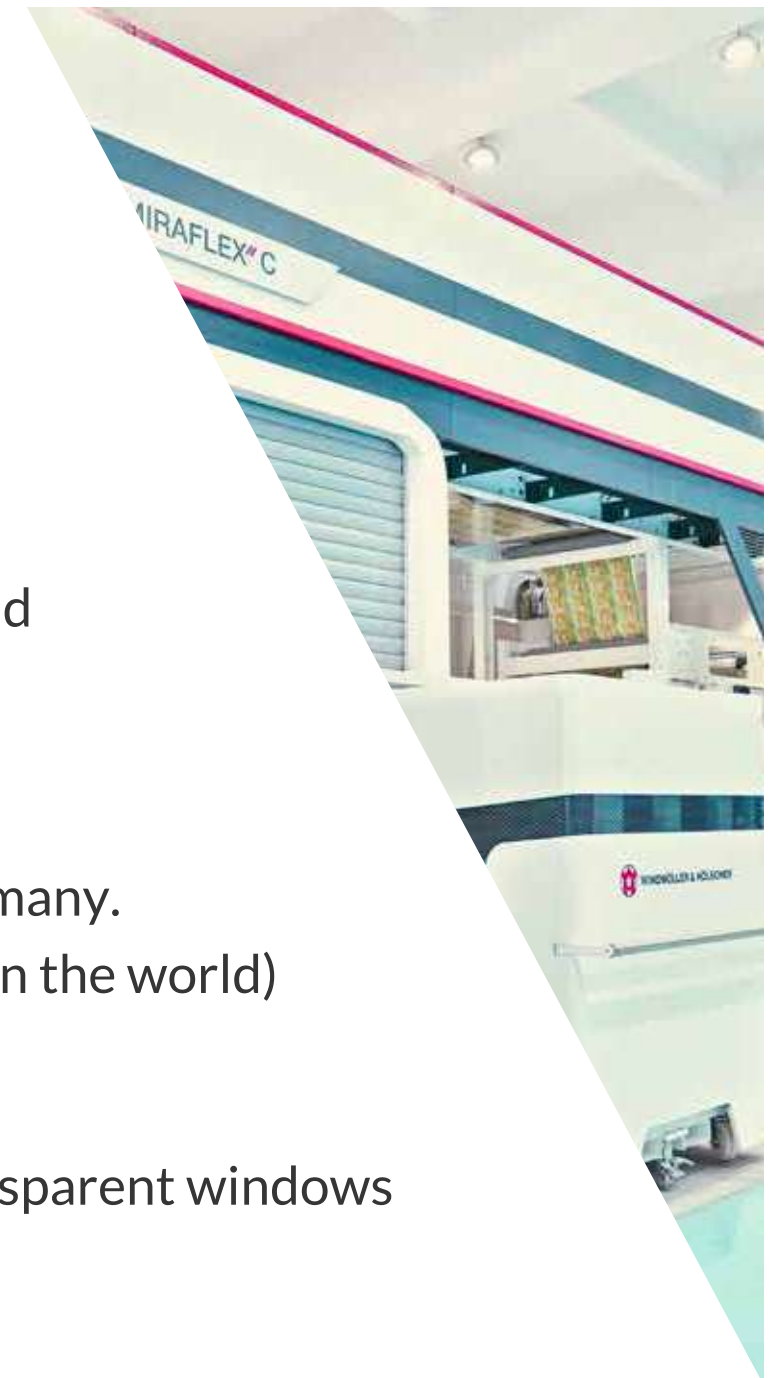
- 3.25 meter wide Vacuum Metalliser (Widest in India) from Applied Materials, Germany. Capable of metallising BOPET, BOPP and especially designed to handle CPP (first in the world)

Window Metallised Films

- Strip-Metallised and Window-metallised PET & BOPP films for adding transparent windows to packaging with metallised films

Blown PE films

- Four high-output Blown PE film lines from Windmoller & Holscher and Kuhne, Germany
- Installed with Internal Bubble Cooling systems for increased efficiency
- Sophisticated gauge-control systems installed for minimised thickness variation below 0.1%



High Security Holography Films

ANTI-COUNTERFEIT SOLUTIONS

Holography has become an important tool in the prevention of duplicity & brand protection through the means of packaging.

Holographic security Films available with base of

BOPET/BOPP/CPP/Paper

Holographic paper can be offered for **High End Labels, Chocolate Wrappers, Food Products Packaging, Decoration & Security.**



Multiple Features and effects:

Multi channel effect, Kinetic effect and Guilloche Pattern, 2D/3D, Switch effect, Laser Readable Image, Gradient effect, Micro text, Lens effect, Relief effect, True colour image, Full 3D, White effect etc.

KTL is endowed with the best holography technology in the world. The embossing machines that create the holographic effect are from Italy and have the size range within 1300mm X 1220mm.



Complete Holographic pouches



Security Seals



Holographic Gift Wrappers



Holographic Background Paired With Product Design

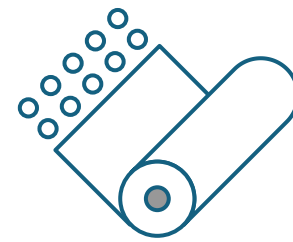
Capacity Enhancement



7 Layer CPP Film Plant



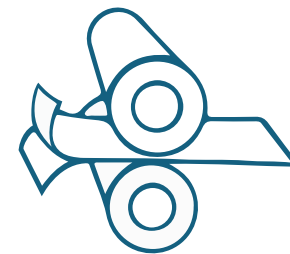
3.2 meter state of the art Cast polypropylene (CPP) line from W&H :
300 mpm running line speed



Equipped to handle EVOH , NYLON etc
to make any **Barrier Film**



7 layer Co-Extrusion facility

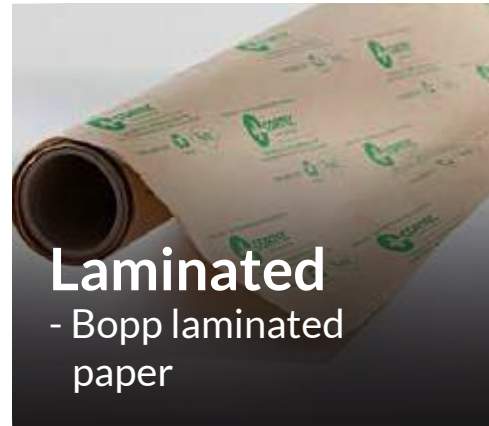


Targeted Films to make

Low OTR transparent CPP film
Low WVTR , high puncture resistant transparent CPP film
Extremely High barrier BOPP/CPP laminates



Gift Wraps



Laminated
- Bopp laminated paper



Plain printed
- Printing can be done on Paper(bleached/unbleached), BOPP or PET



Flocked or Glitter



Metalized
- Metalized Paper/BOPP/PET
- Overall/ pattern printing on metalized



Transfer Metalized
- Pattern transfer
- Window BOPP



Print Metalized combination
- Matt+ Metal
- Print+Metal



Reversible
- Printing on both sides



Holographic
- Holography on Paper/ BOPP
- Printing on holographic paper & BOPP

Multilayer Films

Value Propostions



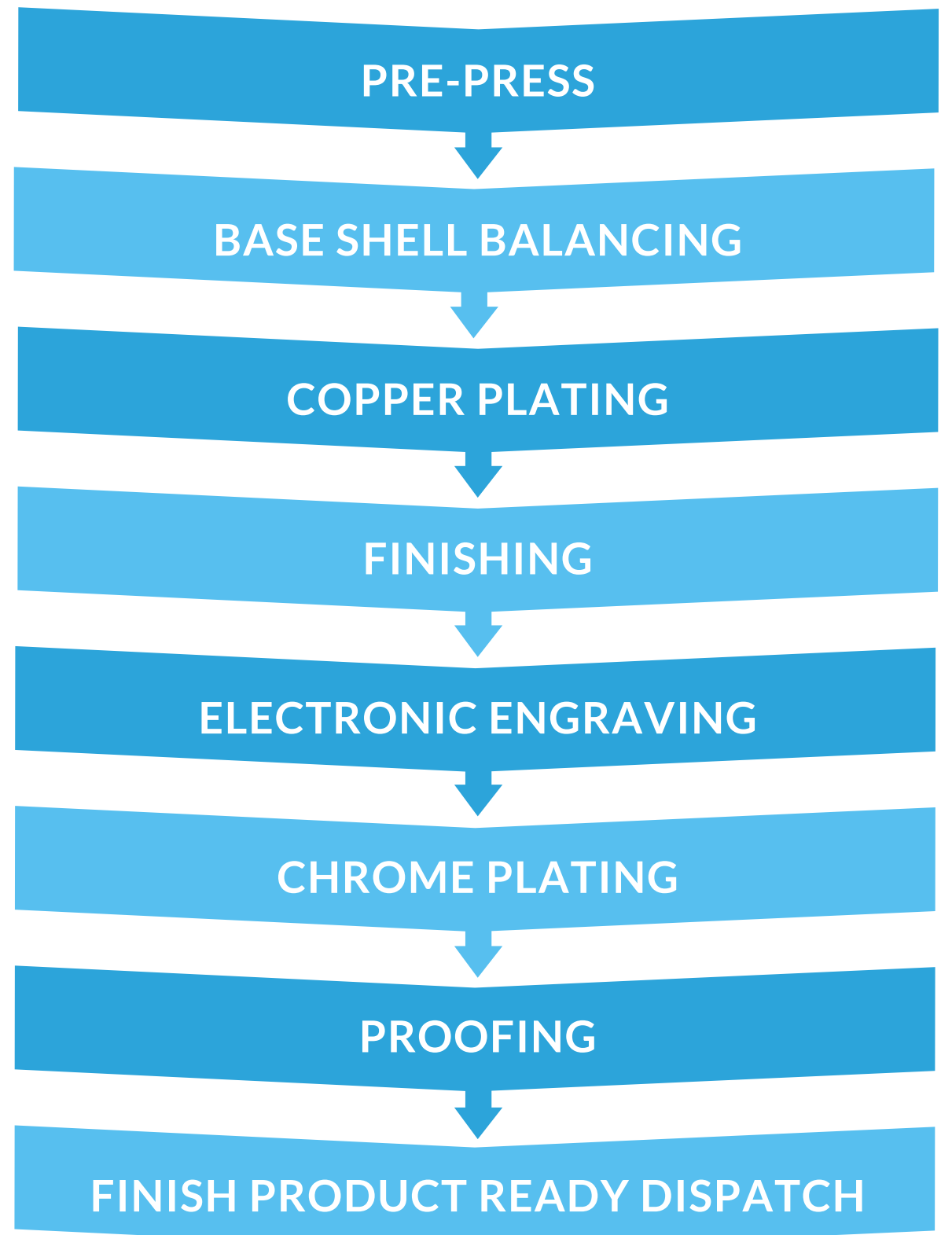
7-Layer Films : Benefits into laminate structures

- Mass reduction (transparent barrier laminate)
 - PET (printed CI flexo) / Barrier CPP
 - BOPP (printed CI flexo) / Barrier CPP
- Recyclable structure of CPP / Barrier CPP laminate (in house facility to print CPP on flexo)
 - Sterilizable structures
- Multi layer barrier CPP film(evoh based) for frozen foods
 - Capability to make Matte CPP for good aesthetics

Cyliner Division

The whole cylinder making goes through various processes.

- Leave space for 3 lines of text XXXX



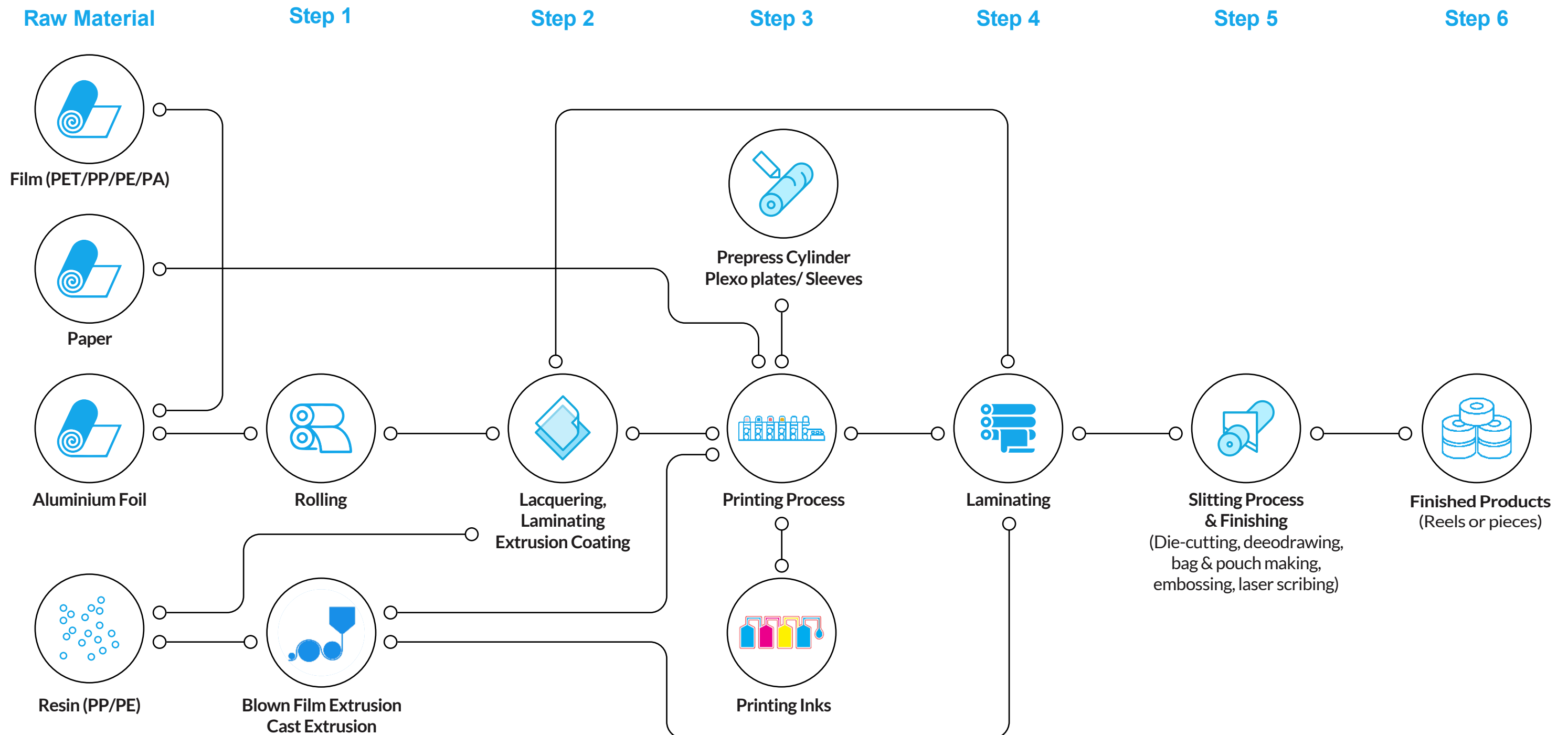
In-House Ink Division

With our two Dyno mills (WAB Switzerland) we manufacture fine inks below 3 micron grains for our in-house printing presses – both gravure & flexo inks for various substrates, including BOPET, BOPP, Paper, PE

We use highest quality ingredients e.g. pigments from Clariant and vinyl resin from Solbin, along with food grade solvents

Quality control

Vertical Integration



Product Portfolio



Laminated Films

Two/Three/Four layer laminated films in roll forms consisting Printed PET /BOPP/ Paper & laminated with Metalised/ Holography films &/ or Polyethylene /CPP.



Pre-Formed Pouches

Two/Three/Four layer laminated in Side Seal/Centre Seal/Zipper/Standup Shaped Pouches.



Engraved Cylinders

Electronically engraved rotogravure cylinders in various sizes.



Cast Polypropylene

Used in clear & metalised form for Food packaging, Candy packaging etc. and various industrial applications.



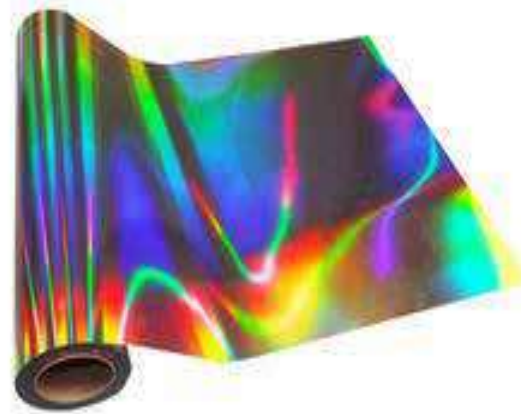
Metalised Films & Paper

Extensively used in Flexible Packaging in order to protect the product from light, moisture and gases i.e. Snacks, Cosmetics & Confectionary products.



Holographic Films & Paper

Used in Flexible Packaging & labeling industry for wide range of industrial & consumer product i.e. gift wraps, labels & decorative applications.



Window Metalised Films

It gives the packaging excellent visual appeal, as the colors appear metallic & shiny.



A world map in shades of blue with several white location pins scattered across the continents. Three white rectangular boxes with thin blue borders are overlaid on the map, each containing a statistic.

30
YEARS OF EXPERIENCE

22
COUNTRIES

300
CUSTOMERS

KAN Family of Products (TRADEMARKS)



KANSlide

- Easy Open Re-closable Pouch
- No tear no litter till product consumption
- Consumer engagement
- Handles remain intact after pouch opening



KANLock

Re-closable feature with sensory opening & closing



KANUniq

- Unique Random Coded Packs for FMCG
- Consumer engagement

KanUniq

A Unique Way To Bridge Online and Offline Media



Easy pack promotion schemes



Unique codes on every pack



Supports your marketing campaigns & loyalty programs



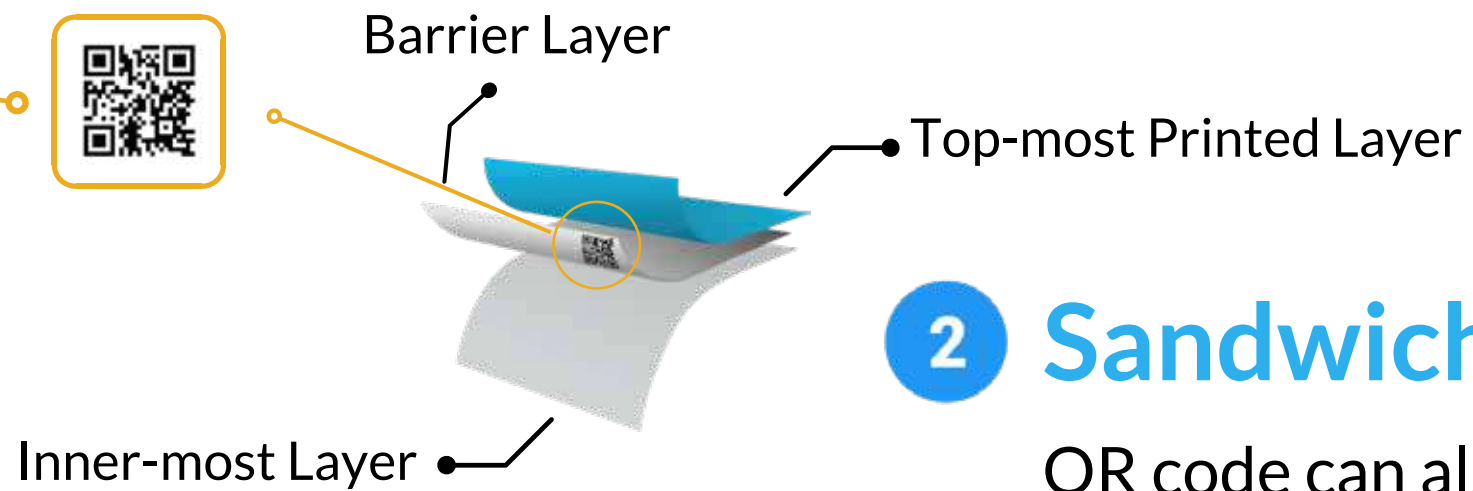
Where can you Lead your customers with a QR Code?

- View mobile-website/landing page
- Dial a telephone number
- Send a text message
- Send an email
- View a message or special offer
- Download contact details-V Cards
- View a Google map location
- View a social media profile
- Information on a product



1 Print inside the pouch

QR code can be printed on the inside of the pack with food-grade inks



2 Sandwich Print

QR code can also be sandwiched between the lamination layers

The QR code is sandwiched between two layers of lamination. Hence, it cannot be tampered from outside of the pack and also doesn't come in direct contact with the product inside the packaging.

Continuous Developments



Paper look and feel



Velvet finish



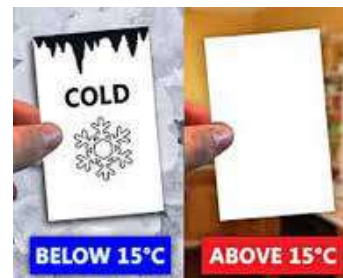
Night glow packs



Funky packs (fluorescent colors)



Sublimation paper (textile printing)



Color changing prints (temperature sensitive inks)



Spot Fragrance packs (Rub & Sniff)



*Pictures are used for presentation purpose only and may differ with the real product

National & International Accolades For Innovation & Quality



SIES
2017, 2019



India Star
2017



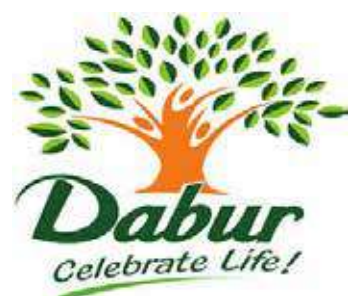
Asia Star
2017



World Star
2018, 2019



Customer Partnership





Customer Partnership



Industries served



Snack Foods



Rice and other cereals



Beverages



Candy & confectionary



Pet food



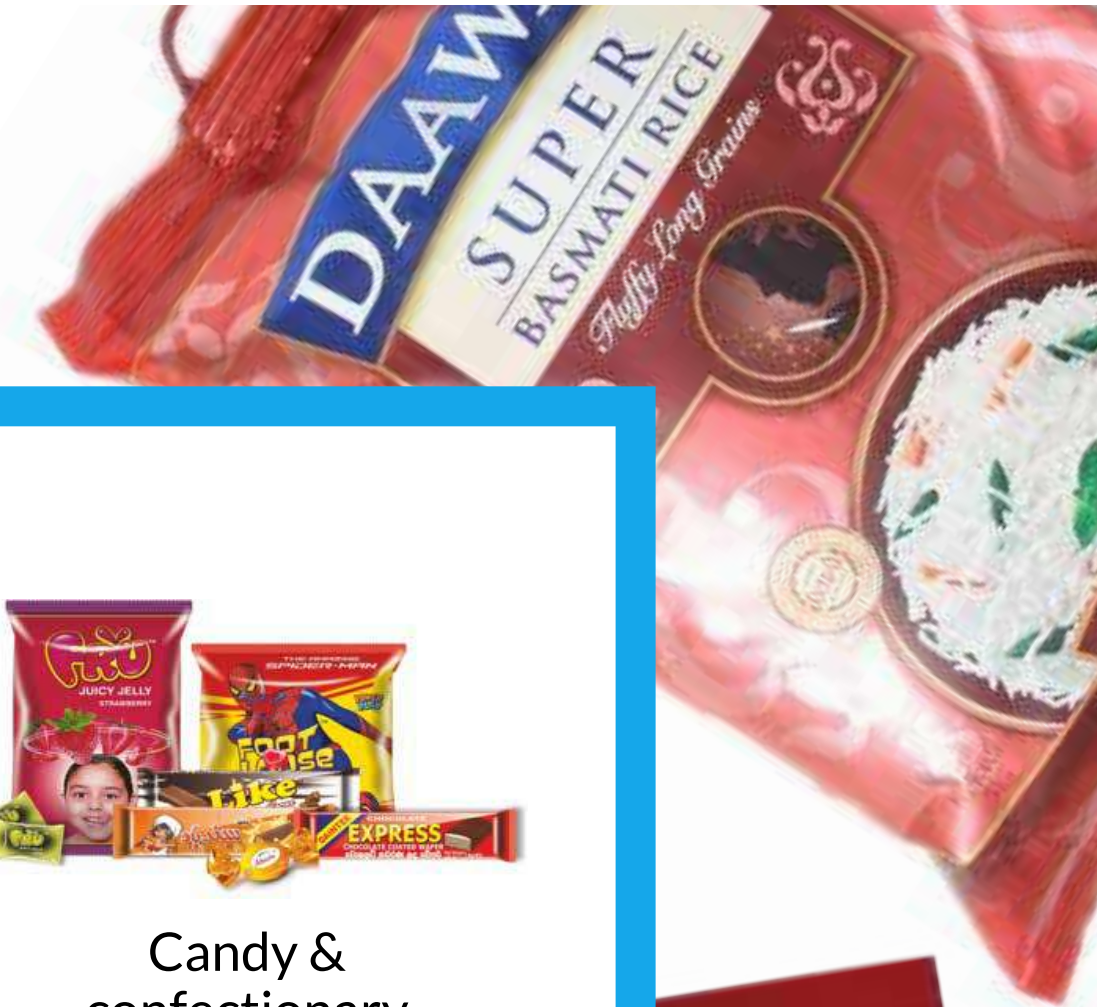
Cheese and Dairy



Wheat flour



Spices





Sugar



Oil and Shampoos



Soaps and detergents



Construction chemicals



Motor oil and lubricants



Gift wraps

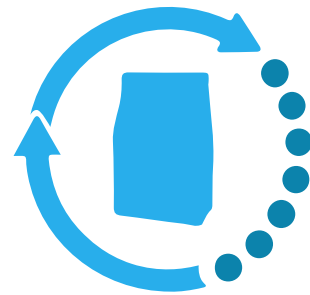


Pharma and contraceptives



Sustainable Packaging Drive

Sustainability - Way Forward



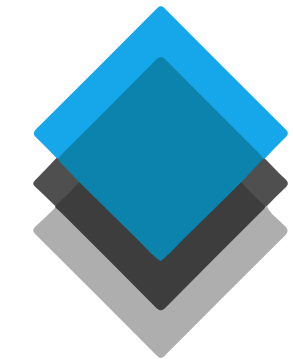
Packaging with PCR plastic films



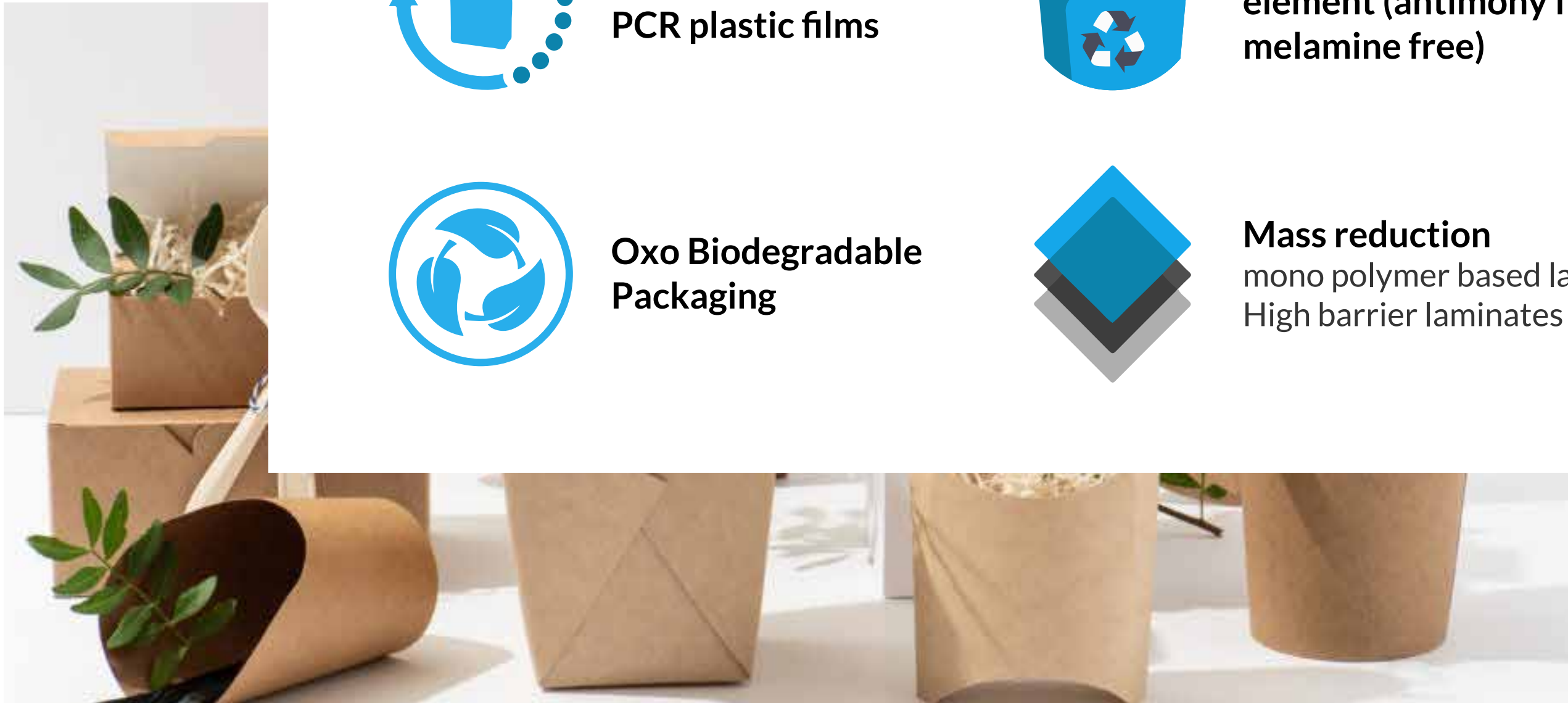
Packaging with no migratory element (antimony free, melamine free)



Oxo Biodegradable Packaging



Mass reduction
mono polymer based laminates
High barrier laminates (Transparent)



Milestones

1989
(Spin off)

1995
(Establishment)
Incorporated in Delhi with two sets
of converting equipments

1996-2005
(Transformation)

1. Shifted Base to Wazirpur Industrial Area
2. Backward Integration with setting up PE Blown film plant
3. Enhancement of Capacity by adding 10 colour fully Automatic Converting Machine

2006-11
(Consolidation &
Portfolio Enhancement)

1. Another step towards backward Integration by adding Rotogravure Cylinder Plant
2. Enhancing Converting & Cylinders making Capacity
3. Addition of Extrusion Coating/Lamination Capabilities
4. Venture into sustainable energy by acquiring 1.5MW wind mill

2012-15
(Acceleration of growth)

1. Growing Film Division by establishing CPP plant, Metalised Films & Holographic Films Plant at Kundli Industrial Area, Sonipat
2. Adding another Flexible Packaging Unit set-up at Kundli Industrial Area
3. More Enhancement of Cylinders making Capacity

1995
(Global Leader in Flexible
Packaging & Plastic Films)

1. Capacity Enhancement in both Flexible Packaging & Film Division
2. Portfolio enhancement in high value-added flexible packaging products & films
3. Establishing markets around the globe & expanding presence by addition of sales offices.

2016-20
(Lorem Ipsum)

Location &

Manufacturing sites

Geographical Location-

Head Office : Wazirpur Industrial Area, Delhi

Facilities at Wazirpur :

Cylinder manufacturing division

Located at just 17 km from Central Delhi

Facilities at Kundli :

Kundli Plant 1 - Converting (Plot No 113)

Kundli Plant 2 - New Converting Division (Plot No 107/126)

Kundli Plant 3 - Specialty Film Division (Plot No 108/125)

Location:

Situated at Sonipat , Haryana

Just 38 km from Central Delhi

42 km from Delhi Airport

At a very close proximity to Delhi-Chandigarh National Highway





Disclaimer

1. This presentation (the 'Presentation') is provided on a strictly private and confidential basis for information purposes only.
2. By attending or reading this Presentation, you will be deemed to have agreed to the obligations and restrictions set out below.
3. Without the express prior written consent of Kanodia Technoplast Limited (the 'Company'), the Presentation and information contained within including the design and format may not be
 - (i) reproduced (in whole or in part
 - (ii) copied at any time
 - (iii) used for any purpose other than your evaluation of the Company or
 - (iv) provided to any other person, except your employees and advisors with a need to know who are advised of the confidentiality of the information.
4. The Company enjoys copyright over all the photographs and pictorial representations of its plant and machinery as displayed in the presentation.
5. The communication of this Presentation is restricted by law; it is not intended for distribution to, or use by any person in, any jurisdiction where such distribution or use would be contrary to local law or regulation.