www.mauryansindustries.com

# MAURYANS INDUSTRIES

# EVERYTHING YOUR MATERIAL NEEDS FOR PACKING.

# WELCOME TO MAURYANS INDUSTRIES

At Mauryans Industries, we are dedicated to revolutionizing the world of stretch film extrusion. With state-of-the-art infrastructure and a relentless commitment to quality, we're your trusted partner for premium stretch film production. Explore our cutting-edge solutions, innovative technology, and global reach as we embark on a journey of innovation and precision.



### About Us

#### **Your Trusted Partner for Stretch Film Packaging Solutions**

At Mauryans Industries, we pride ourselves on our commitment to excellence and cutting-edge technology. Our state-of-the-art infrastructure, coupled with modern and highly automated machines, ensures precise film gauge and width control. We uphold uncompromising quality standards through our dedicated laboratory facility, ensuring the highest level of quality control in every product we deliver.



#### VISION

"To be the global leader in innovative and sustainable stretch film solutions, revolutionizing packaging for a better tomorrow.Our vision is to be pioneers in our industry, pushing the boundaries of what's possible." "Deliver excellence through cutting-edge technology and manufacturing processes." "Foster strong partnerships and provide exceptional service to our clients."





#### QUALITY ASSURANCE

Our associate has its in-house lab facilities for several tests to be conducted to ensure highest quality. Following are the tests performed on routine basis:

- Stretch Test
- Tensile Test
- Dart Drop Test
- Elmendorf Test (for tear strength)
- Co-efficient of friction (for cling)

#### GLOBAL PRESENCE



#### **CUSTOMER SERVICE**

Our associate are committed to continuous improvement in our performance, and we seek smart and simple solutions to deliver on our customers' needs. Our production facilities, research centers and service centers work with customers in more than 10 countries to provide products that make an essential contribution to society and sustainable development for our customers. Shrinath Flexipack promises:

- · Customized Solutions for our Clients
- On Time Delivery
- Dedicated Sales Team
- Unparalleled after Sales Support

We provide the highest quality products and services to its customers in support of their value creation by our continuous innovation. We strive to deliver & meet customer expectations. Our customers have come to expect reliability in everything we do for them, and we execute – from product performance through the order process to our final delivery.

Our Supply Chain remains intact even in the current unprecedented market conditions (Since COVID). Excellent coordination with all stake holders as well as internal planning and executions helped us to maintain seamless delivery.



"Our associate is involved in the manufacturing and sales of high-quality Multi Layer Polyethylene Stretch, Shrink & Speciality packaging films from its facility in Hyderabad, India. Using the resources of a technology-driven company, Mauryans Industries has set in motion an ambitious plan to establish

itself as a global player in the Stretch & Shrink Packaging marketplace. Regardless of machine demand or customer requirements, Mauryans Industries has the right film product to ensure distributor success and ultimate customer satisfaction."











### Product Range:-

#### **Stretch Film**

- >> Machine Grade 300% Stretch Film
- >> Machine Grade 200% Stretch Film
- >> Hand Grade Stretch Film
- >> Hand Grade Stretch Film with Extended Core
- >> High Strength Stretch Film in lower thickness i.e., 7 Mic to 12 Mic
- >> Pre-Stretch Film in 6 Mic to 10 Mic

#### **Cling Films-Plastic Wrap**

>> Cling wrap films are available in Jumbo rolls, in retial packs, refill packs & catering packs >> Meat wrap films & Doner Warp films are available in Jumbo rolls & baby rolls

#### Shrink Films

- >> Multi Purpose Shrink Film with Excellent
  - Shrinkage Properties & Load Strength
- >> Thin Gauge Shrink Film with High Gloss,
  - Transparency & Balanced Shrinkage properties.

#### **SPECIALITY FILMS**

- >> Agricultural Film
- >> Stretch Film with UV protection
- >> Anti Corrosion & Anti Rust Stretch Film
- >> Film for Surface Protection
- >> Machine & Manual Stretch Film in various colors

#### INFRASTRUCTURE

Our associate is equipped with state-of-the-art infrastructure facilities. Our modern & highly automated machines provide accurate film gauge and width control. This is supported by our laboratory facility to ensure total quality control.

- Globally Reputed Film Extrusion Lines
  - CAST LINE COLINES, ITALY x 2
  - BLOWN LINES KOLSITE, INDIA x 3
- In-House Ultra Modern Testing Facility
- Total Quality Control
- Manufacturing Facility spread over 60,000 Sq. Feet
- Market presence Europe, Asia, Africa, USA, Australia & Middle East
- Existing capacity of 12,000 Tonnes/annum, with plans to increase capacity of 30,000 Tonnes/annum by 2023.



### PE CLING FILM/PLASTIC WRAP

In Jumbo Rolls, Retail Packs, Refill Packs, Catering packs/Food Service Films

### Key Features of PE Cling Film / Plastic Wrap

- Crystal Clear transparency than other conventional Cling film.
- Consistency in Cling property over entire shelf life.
- Excellent Barrier Properties to keep food fresh, hygenic and odour free.
- Microwave safe
- Excellent sealing Capacity keeps food fresher for Longer time
- Suitable for manual & automatic machines
- Our PE Cling film can be catered in Jumbo rolls for converting or internal use applications
- Food Service PE Cling film for HoReCa / Commercial Kitchens & Restaurant.
- Customized packaging available for private labels as per client's requirements
- Customizations
  - a. Film color
  - b. Primary packaging design with multicolour printing, packed in FSC certified recyled boxes.
  - c. Secondary Packaging in Shelf ready tray or display packs, master cartons, shrink wrap
  - d. Cutter as required-

For Retail packs - Metal Cutters, PET Cutter, Slide Cutters with push on or stick on For catering /Food Service Films - Plastic serrated cutter, Side cutter with push on or stick on

### Advantages of PE Cling Film / Plastic Wrap

- 100% recyclable
- Migration Free as it neither contains plasticizers nor stablilizers. Hence 100% non toxic.
- Additives do not pass/migrate to the wrapped food
- Meets Food Contact regulations (as per EU regulation 10/2011 & IS 10146: 1982)
- More Economical due to low density and more stretch ability







#### PE Cling Film is available in different variants depending upon the end user application -

#### In private Label - Retail & catering pack.

Being a member of the Private Label Manufacturing Association (PLMA), we offer our PE Cling film in private label in Retail & catering pack as per the requirements of our esteemed customers. Our major market is Europe, USA, UK, Middle East, South East Asia, etc. We regularly export our film to the leading supermarket chain of stores, hypermarkets, wholesalers, distributors across the globe.

#### PE Cling Film/ Plastic wrap & Meat wrap films in Jumbo rolls.

PE Cling Film / Plastic wrap film & Meat wrap films preserve the freshness of food and store it conveniently. Our PE Cling film & Meat films rolls are suitable for both machine and manual packaging.

We are catering the best qualities of Cling wrap films & Meat wrap films in Jumbo Rolls to converters, distributors, Food Industries, and for the supermarket's internal use. They are available in Jumbo rolls as per the client's length and weight requirements.

Our Foodservice Cling / Plastic wraps & Doner wrap films are suitable for catering applications and are used in HoReCa / Commercial Kitchens & Restaurants.

| Specifications of PE Cling Film / | Specifications of PE Cling Film / Plastic Wrap in Retail, Catering Pack, Refill Pack & Jumbo Rolls |  |  |  |  |  |  |  |  |
|-----------------------------------|--|--|--|--|--|--|--|--|--|
| Width                             | 30 cm to 45 cm   |  |  |  |  |  |  |  |  |
| Thickness                         | 8 mic to 25 microns  |  |  |  |  |  |  |  |  |
| Length                            | 15 meter to 3000 meter<br>(Jumbo rolls available up to 10,000 meter)                               |  |  |  |  |  |  |  |  |
| Primary Packaging                 | With or without cutter box<br>(Plastic / Metal / Slide cutter - as per Requirements)               |  |  |  |  |  |  |  |  |
| Paper Core Size                   | 25 to 76 mm (as per requirements)  |  |  |  |  |  |  |  |  |
| Secondary Packaging               | Export Carton & Display Carton Like SRP, SRT   |  |  |  |  |  |  |  |  |

#### Key Features of PE Meat Film & Doner Film :

- Ilt has a Excellent barrier properties helps to keep meat fresh, hygienic and odor free.
- Wrinkle free crystal clear film with good cling properties
- Reduces 40% material consumption due to lower density and excellent stretchability.
- Easy release & excellent mechanical strength in MD & TD direction
- · Suitable for manual & high speed meat wrapping machines
- Doner film is special film used mainly for Doner Kebab wrapping & has an excellent mechanical strength in MD & TD direction.





| Specifications of PE Meat Film |                 |   |  |  |  |  |  |  |
|--------------------------------|-----------------|---|--|--|--|--|--|--|
|                                | Width           | 30 cm to 60 cm  |  |  |  |  |  |  |
|                                | Thickness       | 8 mic to 25 microns   |  |  |  |  |  |  |
|                                | Length          | 500 meter to 3meter<br>(Jumbo rolls available up to 10,000 meter) |  |  |  |  |  |  |
|                                | Paper Core Size | 50 / 76 mm (as per requirements)                                  |  |  |  |  |  |  |

# STRETCH FILMS Mauryans Industries

Friendly

 Available in variety of colors

GRADE ELITE SECURE MANUAL **XTEND** CLING PROPERTIES UNITS MACHINE MACHINE HAND HAND HAND THICKNESS MICRON 20 - 10017 - 10012 - 100 12 - 10012 - 18WIDTH 250 - 1700250 - 170050 - 1700 250 - 400 250 - 500 MM 76 76 CORE ID MM 25, 51, 76 25, 51, 76 25, 51, 76 **ELONGATION** MD 600-900 540 - 800 355 - 455 355 - 455 355 - 455 **ELONGATION** 750 - 1050 710 - 920 615 - 715 615 - 715 615 - 715TD 400 - 500 160 - 43090 - 145 90 - 145 90 - 145 **TEAR STRENGTH** MD **TEAR STRENGTH** TD 750 - 1200 720 - 1000 660 - 750 660 - 750 660 - 750 TENSILE 2.0 - 2.91.6 - 2.61.2 - 1.91.2 - 1.91.2 - 1.9 $MD (kg/mm^2)$ 1.5 - 2.21.2 - 1.91.0 - 1.61.0 - 1.61.0 - 1.6TENSILE TD  $(kg/mm^2)$ STRETCHABILITY % Up to 300% Up to 200% Up to 150% Up to 150% Electronics □ Pallet Loads □ Warehouses n Retail  $\Box$  Food Auto Motive Shipping & Logistics Irregular Loads Packaging Household □ Papers & Magazines □ Heavy Bagged Products Food Distribution Applications **APPLICATIONS** □ Glass & Ceramics Roofing Materials Bagged Products Fragile Items Regular Loads □ Furniture Extra Heavy Loads Textiles Unparallel Load Excellent Puncture Easy Application High Gloss & Tear Resistance Holding Force □ Clear & Glossy Exceptional High Stress High Puncture & Tear Transparency Resistance Resistance □ Superior Optics - Economical Excellent Cling High Tack FEATURES Property □ Non-Toxic & Eco-□ Non-Toxic & Eco-Tension Free □ 100% Recvcle able Friendly Friendly □ 100% Recycle able □ 100% Recycle able □ Non-Toxic & □ Non-Toxic & Eco-

Available in variety

of colors

Available in variety of

colors

**Eco-Friendly** 

□ 100% Recycle

able

## SHRINK FILMS Mauryans Industries

#### **SHRINK FILMS**

Shrink Films is a strong, multi-layer, heat shrinkable poly olefin shrink film with excellent seal and machine properties. It is well suited for all production applications from semi-automatic L-sealers to fully automatic high-speed wrappers. Shrink Films is a proven economical solution for a wide variety of applications.

| PROPERTIES      | UNITS    |       |     | TEST METHOD |
|-----------------|----------|-------|-----|-------------|
| THICKNESS       | micron   | 40 –  |     |             |
| WIDTH           | mm       | 250 – |     |             |
|                 |          | MD    | TD  | ASTM        |
| TEAR RESISTANCE | n/mm²    | 10.2  | 2.5 | D1922       |
| DART IMPACT     | G        | 120   | 120 | D1709       |
| SHRINKAGE       | % @ 150C | 75    | 30  | D822        |
| TENSILE         | Мра      | 30    | 21  | D822        |
| ELONGATION      | %        | 400   | 880 | D822        |

FEATURES:

Excellent Sealing, Shrinkage & Elasticity Maximizes product protection | Ideal product protection against tampering and pilferage | Allows packaging of various sizes and shapes | Variety of Colors available

#### APPLICATIONS:

Food and Beverage | Automotive | Glass |Toys | Stationery | Tray Packing | Electronics | Doors & Windows | Form, Fill and Seal Applications.

#### **SHRINK PLUS**

Shrink Thin is a economical, all-purpose film. Its extra stiffness makes it ideal for high-speed applications. It features superior clarity and gloss for dynamic retail shelf appeal, and facilitates better static lap sealing.

| PROPERTIES   | UNITS  |                     |            | TEST METHOD   |  |            |
|--------------|--------|---------------------|------------|---------------|--|------------|
| THICKNESS    | micron | 12 – 25             |            |               |  |            |
| WIDTH        | Mm     | 250 - 1700          |            |               |  |            |
| TENSILE      |        | MD                  | TD         |               |  |            |
| TENSILE      | N/mm2  | 115 – 95            | 110 - 90   | ASTM D882     |  |            |
| ELONGATION   | %      | 115 – 130           | 110 - 125  | ASTM D882     |  |            |
| TEAR         | G      | 10.5 - 23.5 10 - 23 |            | ASTM D1922    |  |            |
| SHRINKAGE    | 120 C  | 57 – 58 60 – 63     |            | ASTM D2732    |  |            |
|              | 130 C  | 64 - 65 65-67       |            | 64 - 65 65-67 |  | ASTM D2732 |
| HAZE         |        | 2.2                 | ASTM D1003 |               |  |            |
| CLARITY      |        | 98.5 – 95 ASTM      |            |               |  |            |
| GLOSS @ 45 C |        | 85.5                | - 81.5     | ASTM D2457    |  |            |

#### FEATURES:

High Gloss & Transparency | Excellent optical properties | Suitable for food contact | High tear resistance | High mechanical strength | Low specific weight | Wide shrinkage window

#### APPLICATION:

Food & Beverage Hardware | Electronic Media | Confectionary | Consumer Durables

# **SPECIALTY FILMS**

**Mauryans Industries** 

#### SILAGE

| APPLICATION   | THICKNESS | WIDTH         | COLORS                              |
|---|-----------|---------------|-------------------------------------|
| Silage film is a film used in the agricultural sector. This plastic film is placed under the root systems of plants, to facilitate crop cultivation. Bi-  | Micron    | MM            | BI-COLOR                            |
| Color Silage film repels certain insects due to its reflection especially in case of fruits & vegetables, thus maintaining quality & freshness of the produce. Added benefit of the reflection is more light is availed to the plants thus enhancing their photosynthesis activity. | 15 - 100  | 250 -<br>1700 | BLACK/SILVER,<br>WHITE/BLACK<br>ETC |

#### FEATURES:

Increases Growth of Crops | Reduces Weeds | Reduces Evaporation | Faster & Early Yields | Reduced Soil Compaction | Cleaner Vegetable Produced | Aids Fumigation | Reduces Drowning of Crops

#### UV

| APPLICATION   | THICKNESS | WIDTH    | ELONGATION      |                 | ELONGATION TENSILE<br>(kg/mm <sup>2</sup> ) |                 | TE.<br>STREI    | AR<br>NGTH       |
|---|-----------|----------|-----------------|-----------------|---|-----------------|-----------------|------------------|
| UV is a heavy duty stretch film<br>which is UV stabilised and is specially<br>designed for wrapping heavy products<br>such as building materials and products to<br>be stored outdoors. | Micron    | MM       | MD              | TD              | MD  | TD              | MD              | TD               |
|   | 15 - 100  | 250-1700 | 500<br>-<br>800 | 710<br>-<br>920 | 1.6<br>-<br>2.6                             | 1.2<br>-<br>1.9 | 160<br>-<br>430 | 720<br>-<br>1000 |

#### VCI

| APPLICATION  | THICKNESS | WIDTH         | ELONGATION      |                 |                 |                 |                 |                  | TE.<br>STREI | AR<br>NGTH |
|--|-----------|---------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|--------------|------------|
| VCI Stretch Film blocks moisture<br>& contaminants while it prevents Rust  | Micron    | MM            | MD              | TD              | MD              | TD              | MD              | TD               |              |            |
| and Corrosion in products manufactured<br>out of ferrous and non-ferrous metals like<br>iron, steel, copper and brass. | 15 - 100  | 250 -<br>1700 | 500<br>-<br>800 | 710<br>-<br>920 | 1.6<br>_<br>2.6 | 1.2<br>-<br>1.9 | 160<br>-<br>430 | 720<br>-<br>1000 |              |            |

#### FEATURES:

Excellent puncture and tear resistance | Excellent clarity, cling, stretch and strength | Does not leave residue on parts | Provides multi-metal corrosion protection | Keeps dust, dirt and moisture off warehouse stock

#### MASK

| APPLICATION  | THICKNESS | WIDTH            | ELONG           |                 |                 |                 |                 | AR<br>NGTH       |
|--|-----------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Mask Film is used protect glass  | Micron    | MM               | MD              | TD              | MD              | TD              | MD              | TD               |
| surfaces from scratches, dust and other<br>contaminants during handling & transit. It<br>can be made with or without adhesive. | 25 - 100  | 250<br>-<br>1700 | 500<br>-<br>800 | 710<br>-<br>920 | 1.0<br>-<br>2.3 | .75<br>–<br>1.2 | 160<br>-<br>430 | 720<br>_<br>1000 |





### **VISIT US**

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