“Stretch, Shrink, Cling & Specialty Packaging Films”
ABOUT US

INFRASTRUCTURE

Shrinath Flexi Pack 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
  - BLOWN LINES – KOLSITE, INDIA
- In-House Ultra Modern Testing Facility
- Total Quality Control
- Manufacturing Facility spread over 60,000 Sq. Feet
- Market presence Europe, Asia & Africa
- Existing capacity of 12,000 Tonnes/annum, with plans to increase capacity to 20,000 tonnes/annum by 2015

QUALITY ASSURANCE

Shrinath Flexipack 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)

MARKET PRESENCE

CUSTOMER SERVICE

We 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.
CORPORATE INFORMATION:

Shrinath Flexi Pack is part of the Shree Group of Industries, is a leading industrial group in India with diverse business operations in Flexible packaging, Master Batches & Polybags. Established in the year 1974, today the group sales stand at $100 Million and expected to grow to $200 Million by 2016. The group today employs more than 2000 people and sells its products in more than 50 countries worldwide.

The Group comprises of the following units:

**SHRINATH ROTOPACK PVT. LTD.**
Manufacturing Flexible Packaging Material.  
URL: [www.slplindia.com](http://www.slplindia.com)

**BLEND COLOURS PVT. LTD.**
Manufacturing Master Batches & Compounds for the Plastic Industry.  
URL: [www.blendcolours.com](http://www.blendcolours.com)

**SPP POLYPACK PVT. LTD.**
Manufacturing Plain and Flexo Printed Poly Bags.  
URL: [www.spppoly.com](http://www.spppoly.com)

**MADHUSHREE ENTERPRISES PVT. LTD.**
Merchant Exporters of Pharmaceutical Products.  
URL: [www.madimpex.com](http://www.madimpex.com)

**MEDINOMICS HEALTH CARE PVT. LTD.**
Manufacturers of Pharmaceutical Products.  
URL: [www.madinomicshealthcare.com](http://www.madinomicshealthcare.com)
Shrinath Flexi Pack 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, Shrinath Flexi Pack 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, Shrinath Flexipack has the right film product to ensure distributor success and ultimate customer satisfaction.

**PRODUCT RANGE:**

**STRETCH FILMS**
- **Flexirap™ Elite**: Machine Grade 300% Stretch Film
- **Flexirap™ Secure**: Machine Grade 200% Stretch Film
- **Flexirap™ Manual**: Hand Grade Stretch Film
- **Flexirap™ Xtend**: Hand Grade Stretch Film with Extended Core
- **Flexirap™ Cling**: Cling Film for Food & Retail Applications

**SHINK FILMS**
- **Flexirap™ Shrink**: Multi Purpose Shrink Film with Excellent Shrinkage Properties & Load Strength
- **Flexirap™ Shrink Plus**: Thin Gauge Shrink Film with High Gloss, Transparency & Balanced Shrinkage properties.

**SPECIALITY FILMS**
- **Flexirap™ Mulch**: Agricultural Film
- **Flexirap™ UV**: Stretch Film with UV protection
- **Flexirap™ VCI**: Anti Corrosion & Anti Rust Stretch Film
- **Flexirap™ Mask**: Film for Surface Protection
- **Flexirap™ Color**: Machine & Manual Stretch Film in various colors

**INFRASTRUCTURE**
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Contact Details:
Plot No. 8, IDA Mankhal, Maheshwaram Mandal, RR Dist., Hyderabad INDIA 509359
WEB: www.shrinathflexi.com E-MAIL: sales@shrinathflexi.com

“Stretch, Shrink, Cling & Specialty Packaging Films”
Shrinath Flexipack is India’s leading producer of PE Cling Film in Retail & Catering Pack in private labels.

FlexiRap cling film is produced with state of the art of manufacturing facilities of global repute.

Shrinath FlexiPack is a part of 250 million dollar Shree group of companies which are into the manufacturing of flexible packaging films, specialty films, flexible laminates, master batches etc.

FlexiRap PE Cling film is produced in compliance with latest EU food contact Regulations 10/2011 & Indian Standards certified by Intertek. We are an ISO 9001:2008 certified company.

FlexiRap PE Cling Film is produced using Cast process & has distinct advantages over other conventional films available in the market.

**Key Features of FlexiRap PE Cling Film**

- Crystal Clear transparency than other conventional Cling film
- Consistency in Cling property over entire shelf life
- Excellent Barrier Properties – to keep food fresh, hygienic and odour free.
- Microwave safe
- Excellent sealing Capacity keeps food fresher for longer time
- Suitable for manual & automatic machines

**Advantages of FlexiRap PE Cling Film**

- 100 % recyclable
- Migration Free – as it neither contains plasticizers nor stabilizers. 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
FlexiRap PE Cling Film is available in different variants depending upon the end user application –

In Private Label – Retail & Catering Pack
Being member of 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 store, hypermarket, wholesalers, distributors across the globe.

<table>
<thead>
<tr>
<th>Specifications of PE Cling Film in Retail &amp; Catering Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong></td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
</tr>
</tbody>
</table>
| **Length** | 15 meter to 3000 meter  
(Jumbo rolls available up to 10,000 meter) |
| **Primary Packaging** | With or without cutter box  
(Plastic / Metal / Slide cutter - as per Requirements) |
| **Paper Core Size** | 25 to 76 mm (as per requirements) |

PE Meat Film & Doner Film :

- It 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

<table>
<thead>
<tr>
<th>Specifications of PE Meat Film</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong></td>
</tr>
<tr>
<td><strong>Thickness</strong></td>
</tr>
</tbody>
</table>
| **Length** | 300 to 2000 mtr  
(Jumbo rolls available up to 10,000 meter) |
| **Paper Core Size** | 50 / 76 mm (as per requirements) |

**SHRINATH FLEXIPACK PVT. LTD.**
Plot No. 8, IDA Mankhal,  
Maheshwaram Mandal, RR Dist., Hyderabad INDIA 509 359

PHONE : +91-40-24361018  
FAX : +91-40-24360218  
WEB : www.shrinathflexi.com
E-MAIL : sales@shrinathflexi.com
## FLEXIRAP™ STRETCH FILMS

<table>
<thead>
<tr>
<th>GRADE</th>
<th>ELITE</th>
<th>SECURE</th>
<th>MANUAL</th>
<th>XTEND</th>
<th>CLING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROPERTIES UNITS</td>
<td>MACHINE</td>
<td>MACHINE</td>
<td>HAND</td>
<td>HAND</td>
<td>HAND</td>
</tr>
<tr>
<td>THICKNESS MICRON</td>
<td>20 – 100</td>
<td>17 – 100</td>
<td>12 - 100</td>
<td>12 - 100</td>
<td>12 – 18</td>
</tr>
<tr>
<td>WIDTH MM</td>
<td>250 – 1700</td>
<td>250 – 1700</td>
<td>50 - 1700</td>
<td>250 - 400</td>
<td>250 – 500</td>
</tr>
<tr>
<td>CORE ID MM</td>
<td>76</td>
<td>76</td>
<td>25, 51, 76</td>
<td>25, 51, 76</td>
<td>25, 51, 76</td>
</tr>
<tr>
<td>ELONGATION TD</td>
<td>750 –1050</td>
<td>710 –920</td>
<td>615 - 715</td>
<td>615 - 715</td>
<td>615 –715</td>
</tr>
<tr>
<td>TEAR STRENGTH MD</td>
<td>400 –500</td>
<td>160 –430</td>
<td>90 – 145</td>
<td>90 – 145</td>
<td>90 – 145</td>
</tr>
<tr>
<td>TEAR STRENGTH TD</td>
<td>750 –1200</td>
<td>720 –1000</td>
<td>660 - 750</td>
<td>660 - 750</td>
<td>660 –750</td>
</tr>
<tr>
<td>TENSILE MD (kg/mm²)</td>
<td>2.0 –2.9</td>
<td>1.6 –2.6</td>
<td>1.2 –1.9</td>
<td>1.2 –1.9</td>
<td>1.2 –1.9</td>
</tr>
<tr>
<td>TENSILE TD (kg/mm²)</td>
<td>1.5 –2.2</td>
<td>1.2 –1.9</td>
<td>1.0 –1.6</td>
<td>1.0 –1.6</td>
<td>1.0 –1.6</td>
</tr>
<tr>
<td>STRETCHABILITY %</td>
<td>Up to 300%</td>
<td>Up to 200%</td>
<td>Up to 150%</td>
<td>Up to 150%</td>
<td></td>
</tr>
</tbody>
</table>

### APPLICATIONS
- Electronics
- Auto Motive
- Heavy Bagged Products
- Glass & Ceramics
- Fragile Items
- Extra Heavy Loads
- Pallet Loads
- Shipping & Logistics
- Papers & Magazines
- Roofing Materials
- Regular Loads
- Textiles
- Warehouses
- Irregular Loads
- Food Distribution
- Bagged Products
- Furniture
- Retail
- Food Packaging
- Household Applications

### FEATURES
- Unparallel Load Holding Force
- Exceptional Puncture & Tear Resistance
- High Tack
- 100% Recyclable
- Non-Toxic & Eco-Friendly
- Available in variety of colors
- Excellent Puncture & Tear Resistance
- High Stress Resistance
- Superior Optics
- Non-Toxic & Eco-Friendly
- 100% Recyclable
- Available in variety of colors
- Easy Application
- Clear & Glossy
- Economical
- Non-Toxic & Eco-Friendly
- 100% Recyclable
- Available in variety of colors
- High Gloss
- High Transparency
- Excellent Cling Property
- Tension Free
- Non-Toxic & Eco-Friendly
- 100% Recyclable
FLEXIRAP™ SHRINK

Flexirap™ Shrink is a strong, multi-layer, heat shrinkable polyolefin 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. Flexi Shrink Film is a proven economical solution for a wide variety of applications.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>UNITS</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS</td>
<td>micron</td>
<td>40 – 100</td>
</tr>
<tr>
<td>WIDTH</td>
<td>mm</td>
<td>250 – 1700</td>
</tr>
<tr>
<td>TEAR RESISTANCE</td>
<td>n/mm²</td>
<td>10.2</td>
</tr>
<tr>
<td>DART IMPACT</td>
<td>G</td>
<td>120</td>
</tr>
<tr>
<td>SHRINKAGE</td>
<td>% @ 150°C</td>
<td>75</td>
</tr>
<tr>
<td>TENSILE</td>
<td>Mpa</td>
<td>30</td>
</tr>
<tr>
<td>ELONGATION</td>
<td>%</td>
<td>400</td>
</tr>
</tbody>
</table>

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 | Statio nery | Tray Packing | Electronics | Doors & Windows | Form, Fill and Seal Applications.

FLEXIRAP™ SHRINK PLUS

Flexirap™ 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.

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>UNITS</th>
<th>TEST METHOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS</td>
<td>micron</td>
<td>12 – 25</td>
</tr>
<tr>
<td>WIDTH</td>
<td>Mm</td>
<td>250 – 1700</td>
</tr>
<tr>
<td>TENSILE</td>
<td>N/mm²</td>
<td>115 – 95</td>
</tr>
<tr>
<td>ELONGATION</td>
<td>%</td>
<td>115 – 130</td>
</tr>
<tr>
<td>TEAR</td>
<td>G</td>
<td>10.5 – 23.5</td>
</tr>
<tr>
<td>SHRINKAGE</td>
<td>120 C</td>
<td>57 – 58</td>
</tr>
<tr>
<td></td>
<td>130 C</td>
<td>64 – 65</td>
</tr>
<tr>
<td>HAZE</td>
<td></td>
<td>2.2 – 3.9</td>
</tr>
<tr>
<td>CLARITY</td>
<td></td>
<td>98.5 – 95</td>
</tr>
<tr>
<td>GLOSS @ 45 C</td>
<td></td>
<td>85.5 – 81.5</td>
</tr>
</tbody>
</table>

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
### FLEXIRAP™ MULCH

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>THICKNESS</th>
<th>WIDTH</th>
<th>COLORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mulch 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-Color Mulch film repels certain insects due to its reflection especially in case of fruits &amp; vegetables, thus maintaining quality &amp; freshness of the produce. Added benefit of the reflection is more light is availed to the plants thus enhancing their photosynthesis activity.</td>
<td>Micron</td>
<td>MM</td>
<td>BI-COLOR</td>
</tr>
<tr>
<td></td>
<td>15 - 100</td>
<td>250 - 1700</td>
<td>BLACK/SILVER, WHITE/BLACK ETC</td>
</tr>
</tbody>
</table>

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

### FLEXIRAP™ UV

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>THICKNESS</th>
<th>WIDTH</th>
<th>ELONGATION</th>
<th>TENSILE (kg/mm²)</th>
<th>TEAR STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexirap UV is a heavy duty stretch film which is UV stabilised and is specially designed for wrapping heavy products such as building materials and products to be stored outdoors.</td>
<td>Micron</td>
<td>MM</td>
<td>MD</td>
<td>TD</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>15 - 100</td>
<td>250 - 1700</td>
<td>500</td>
<td>920</td>
<td>2.6</td>
</tr>
</tbody>
</table>

### FLEXIRAP™ VCI

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>THICKNESS</th>
<th>WIDTH</th>
<th>ELONGATION</th>
<th>TENSILE (kg/mm²)</th>
<th>TEAR STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexirap VCI Stretch Film blocks moisture &amp; contaminants while it prevents Rust and Corrosion in products manufactured out of ferrous and non-ferrous metals like iron, steel, copper and brass.</td>
<td>Micron</td>
<td>MM</td>
<td>MD</td>
<td>TD</td>
<td>1.6</td>
</tr>
<tr>
<td></td>
<td>15 - 100</td>
<td>250 - 1700</td>
<td>500</td>
<td>920</td>
<td>2.6</td>
</tr>
</tbody>
</table>

**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

### FLEXIRAP™ MASK

<table>
<thead>
<tr>
<th>APPLICATION</th>
<th>THICKNESS</th>
<th>WIDTH</th>
<th>ELONGATION</th>
<th>TENSILE (kg/mm²)</th>
<th>TEAR STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexirap Mask Film is used protect glass surfaces from scratches, dust and other contaminants during handling &amp; transit. It can be made with or without adhesive.</td>
<td>Micron</td>
<td>MM</td>
<td>MD</td>
<td>TD</td>
<td>1.0</td>
</tr>
<tr>
<td></td>
<td>25 - 100</td>
<td>250 - 1700</td>
<td>500</td>
<td>920</td>
<td>2.3</td>
</tr>
</tbody>
</table>
SHRINATH FLEXIPACK PVT. LTD.
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