

# Millenium<sup>®</sup>



**Straps  
PP/PET  
Adhesive Tapes  
Stretch Film  
Shrink Film  
POF/PE**



[Discover the New Breed of Packaging](#)

# PP STRAPPING

## ADVANTAGES

1. Low Cost, Longer Length, Anti-Corrosion, Strong Bonding, Good Tensile Strength.
2. Good Appearance, Bright Colors, Logo Printing, and Colored Strap can be produced according to customers demand.
3. Comply International Environmental Standards for Packaging Material.
4. Our products are ROHS Environmental Certification Standards Compliant.

## SALIENT FEATURES

Virgin Polypropylene is used as main ingredient in producing [PP Straps](#), Stable Mechanical & Physical Properties of end product, Uniform Weight per meter, Stable Strap thickness. Made on World Class production lines resulting into minimum possible variations in the Width, Thickness & Grammage per meter. Ensuring Value for Money with optimum yield. Overall good performance.

## USAGE

Widely used and well accepted in almost each and every segment of the Industry for end line packaging such as Auto, Food, Pharmaceutical, White Goods, Engineering, Appliances, Print Media, to name a few. Suitable for Manual usage and all kind of [Strapping Machine](#) i.e. Semi-Automatic, Fully Automatic & High Speed Systems.

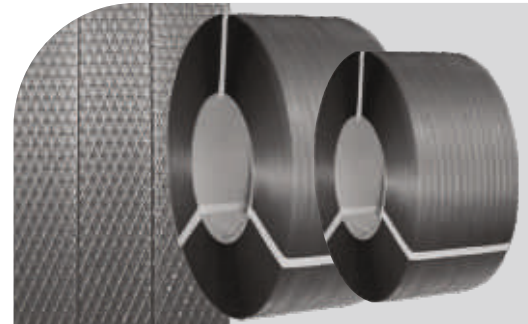


## SPECIFICATIONS : MANUAL CORE I.D.: 75MM LENGTH : 165MM

Product Code	Strap Width	Strap Thickness	Break Load	Elongation at Break in %	Length of Rolls
1206 M	12	0.6	110-120	19-21	1000 Mtrs.
1207 M	12	0.7	120-130	19-21	1000 Mtrs.
1208 M	12	0.8	130-140	20-22	1000 Mtrs.
1506 M	15	0.6	160-170	20-22	500 / 1000 Mtrs.
1507 M	15	0.7	170-180	20-22	500 / 1000 Mtrs.
1508 M	15	0.8	185-195	20-22	500 / 1000 Mtrs.
1907 M	19	0.7	190-200	20-22	500 / 1000 Mtrs.
1908 M	19	0.8	195-210	20-22	500 / 1000 Mtrs.
1909 M	19	0.9	200-220	20-22	500 / 1000 Mtrs.

## SPECIFICATIONS : HEAT SEALABLE CORE I.D.: 200MM LENGTH : 191MM

Product Code	Strap Width	Strap Thickness	Break Load	Elongation at Break in %	Length of Rolls
605 HS	6	0.5	50	19-21	2000 / 4000 Mtrs.
606 HS	6	0.6	55	19-21	2000 / 4000 Mtrs.
905 HS	9	0.5	70-80	20-22	2000 / 4000 Mtrs.
906 HS	9	0.6	80-90	20-22	2000 / 4000 Mtrs.
1205 HS	12	0.5	95-105	20-22	2000 / 4000 Mtrs.
1206 HS	12	0.6	110-120	20-22	2000 / 4000 Mtrs.
1505 HS	15	0.5	155-160	20-22	1000 / 2000 Mtrs.
1506 HS	15	0.6	165-175	20-22	1000 / 2000 Mtrs.
1907 HS	19	0.7	180-190	20-22	1000 / 2000 Mtrs.



## SPECIFICATIONS : FULLY AUTOMATIC CORE I.D.: 150, 200, 280, 400 MM LENGTH : 151, 191MM

Product Code	Strap Width	Strap Thickness	Break Load	Elongation at Break in %	Length of Rolls
806 FA	8	0.6	75-85	20-22	2000 / 4000 Mtrs.
808 FA	8	0.8	90-100	20-22	2000 / 4000 Mtrs.
906 FA	9	0.6	90-100	20-22	2000 / 4000 Mtrs.
907 FA	9	0.7	95-110	20-22	2000 / 3000 Mtrs.
1107 FA	11	0.7	100-105	20-22	2000 Mtrs.
1206 FA	12	0.6	110-125	20-22	2000 Mtrs.
1207 FA	12	0.7	115-130	20-22	2000 Mtrs.
1506 FA	15	0.6	165-175	20-22	1000 / 2000 Mtrs.
1507 FA	15	0.7	170-190	20-22	1000 / 2000 Mtrs.
1907 FA	19	0.7	180-200	20-22	1000 / 2000 Mtrs.



\*Color and specification of strap can be produced according to customer's request. \*\*Single color Roto Gravure Printing is also available on demand.

# BOPP SELF ADHESIVE TAPES

## DESCRIPTION

[BOPP Self Adhesive Tapes](#) are Pressure Sensitive Tapes in nature.

These Tapes are manufactured using ingredients such as BOPP Films, Water Based Adhesives and Inks for Printed Tapes. BOPP Film is under gone through High Voltage Corona Treatment for creation of rough surface on one side for applying the adhesive and then cut into required sizes. According to its different effects it is extensively used for CFC-Carton Box's Flap Sealing in various Industries such as Food, Pharma, Tobacco, Appliances, Chemical, Engineering, Stationery and so on.

Logo Printing can be done upon Customer's demand upto 4 colors, this helps Customer's in the promotion of Company's Brand and making the package Pilfer Evident.

The products are ROHS Certified.

## SALIENT FEATURES

Versatile Applications and are used by virtually each and every segment of the Industry for Carton Closure and other Applications.

Available in different colors on demand, Standard Tapes are available in Super Clear (Transparent) and Brown/Tan color.

Available in Rolls of different lengths, the standard lengths are 65 / 100 / 130 / 650 Mtrs.

Available in different thicknesses ranging between 36 - 55 microns.

Available in different width such as 12 / 18 / 24 / 36 / 48 / 60 / 72 and 100 mm. (Width can also be customised according to demand).

Suitable for Manual and Machine usage.

High Shelf Life.

Tapes can be printed with Company Name and Logo for Corporate look & Identification.

## Technical Characteristics :

50 Micron BOPP Self Adhesive Tape (Typical Illustration - for Reference only ; Varies from Size to Size and thickness as specified by the Customer)

S. No.	Description	Typical Value	Test Method
1.	Film Thickness	30 microns (± 1)	IS 8402
2.	Total Thickness	50 micron (± 1)	IS 8402
3.	Type of Adhesive	Acrylic Water Based	NA
4.	Tensile Strength	8.5 Kg/25 mm/Width	ASTMD-1000
5.	Elongation	55%	ASTMD-1000
6.	Adhesion to Steel	850 Kg/25 mm/Width	ASTMD-1000
7.	Temperature Resistance	60°C	IS 8402
8.	Color	Any Color & Printing Possible	
9.	Shear Strength (at 50°C on Paper)	100 (min.)	



# PE STRETCH FILMS

PE [Stretch Films](#) are made using Multilayer Co-Extrusion Cast Production Process. The main ingredient for Stretch Film is LLDPE (Linear Low Density Poly Ethylene). With Self Adhesive, Transparent, Non-Toxic, Environment Friendly, High Tensile Longitudinal and Traverse Tear Strength, Puncture Resistance Characteristics; it is widely used in various [Pallet Packaging](#) or Consolidation Packaging, so as to achieve Moisture and Dust Proofing, improved efficiency, better loadability and reduced overall Packaging Cost. Compliant to ROHS Certification Standards.

- High Tensile Strength and Puncture Resistance.
- Structured with Exotic Polyolefins of new generation.
- Suitable for Manual & Automatic Stretch Wrapping Machines.
- Excellent Elongation and Stretch Memory.
- High Clarity and High Gloss Film.
- Suitable for [Pallet Wrapping](#) and Packaging of Industrial Products.
- Available in Rolls of different widths up to 500 mm and in thicknesses between 23 - 50 microns.



# PET STRAP

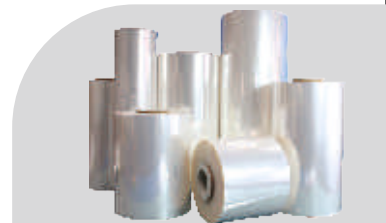
PET Straps are good replacement to Steel Straps and widely used by different segments of Industry for their Medium and Heavy Load Packaging

- High Tensile Strength - with compatible Tensile Strength and Higher Shock Absorption of Steel Strap, ensures the safety while transportation.
- Elongation - Elongation of PET Strap is only 1/6 of PP Strap, hence this can withhold Longer Tightening Force.
- With Stand High Temperatures - Melting point of PET is 260°C and will not deform under 120°C.
- Good Flexibility - Unlike in Steel Straps, PET Straps don't have Sharp Edges thus prevents the damage to Package and safe in operation.
- Nice Appearance and Rust Proof - PET Strap do not corrode and pollute as Steel Strap and are Resistant to UV Rays.
- Economic benefits - 1 metric ton of PET Strap is equivalent to 5 metric tons of Steel Strap hence unit price per meter is much lower thus brings down the Packaging Cost considerably.
- [PET Straps](#) are available in different colors and specifications according to customers request. Net wt. per Roll is 20 Kgs.



# SHRINK FILMS

There are 3 basic types of [Shrink Films](#) available i.e. PVC, LDPE & Polyolefin Films. Films can be supplied in the form of Single Sheet, Centre Folded Film, as well as customised pouches and sleeves depending upon the product to be packed and customers specific requirements. These film can be printed subject to MOQ. Shrink Films are available in different sizes.





001 S SERIES  
SEMI AUTOMATIC STRAPPING MACHINE

010 FA SERIES  
FULLY AUTOMATIC STRAPPING MACHINE

CS SERIES  
CARTON SEALING MACHINE

W SERIES  
PALLET WRAPPING MACHINE

030 SW SERIES  
SHRINK WRAPPING MACHINE

AUTOMATIC PACKAGING LINE

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Note : Accessories shown in the pictures may not be the part of standard equipment.  
The Company follows an ongoing process of continuous product development and upgrading the equipments, hence reserves the right to alter the specifications at any time without prior notice.  
Actual machine may differ from the pictures shown in the catalogue.