

COMSYN



COMMERCIAL SYN BAGS LIMITED

we commit. we deliver.



www.comsyn.com

Index	1
Company overview	2
Awards & Certificate	3
Key Milestones	4
Global Footprints	5
Certifications	6
Gallery	7

PRODUCTS

FIBC	8-9
Baffle Bag	10
PP woven sacks	11
BOPP laminated bags	12-13
Ventilated bag	14
Asbestos bags	15
Dumpster Bag	16
Container Bag	17
Fall arrest bag	18
Courier parcel delivery bag	19
PE Liners	20-21

AGRO PRODUCTS

Tarps	22-23
Grow bags	24
HDPE Vermibed	25
HDPE Layflat Pipes	26
Geomembrane	27

TECHTEX

Ground cover	28-29
Geotextiles	30-31
Silt fence	32-33
Carpet Backing	34-35

OTHERS

36

Company Overview

MISSION

“To be a leading global manufacturer in PP Woven Packaging and Technical Textile solutions, through quality, technology, and innovation, with an unwavering customer first approach.”

Our long-standing success is a function of our unflinching commitment to quality and unrivaled standards of productivity, working in perfect synergy. The inherent curiosity and the drive to innovate has enabled our company to constantly exceed customer expectations. At Comsyn, our philosophy is centered around responsible manufacturing, sustainable practices, and inclusive growth. These principles serve as our guiding light, enabling us to create and deliver long-term value to society, employees, shareholders, and, above all, our customers.

35+

Years of Experience

5 mnFIBCs produced
per annum**100+**

Customers served

40+

Countries Served

21+

Product range



Awards & Accolades

AIFTMA Award for Export Excellence for winner in medium scale jumbo bags category for the year 2011-2012 at 36th Annual Session

Recognized by Government of India as Two Star Export House

AIFTMA Award for Export Excellence for winner in medium scale jumbo bags category for the year 2012-2013 at 36th Annual Session

One of the Top Performers in BSE SME Segment (FY16)



AIFTMA Export Promotion Award (medium sector) 2009-2010 & 2010- 2011 at 35th Annual Session

AIFTMA Award for Export excellence 2006-2007 in woven sacks and fabric SSI Sector at 33rd Annual Session

AIFTMA Award for Export excellence 2006-2007 in FIBC Jumbo Bags SSI Sector at 33rd Annual Session

AIFTMA Award for Export excellence 2006-2007 in Tarpaulins SSI Sector at 33rd Annual Session

Key Milestones

1984

Incorporation of the company

1986

Commissioning of Unit-1, PP Woven Sacks and Tarpaulin Manufacturing facility

1993

Conversion of the company from Private Limited to a Public Limited entity.

2002

Received ISO 9001:2008 certification

2008

AIFTMA Award for Export excellence 2006-2007 in woven sacks and fabric SSI Sector at 33rd Annual Session

2011

- Unit-2 Commissioned
- AIFTMA Export Promotion Award (Medium sector) for 2009-2010 & 2010-2011 at the 35th Annual Session

2014

- Finishing Facility at Special Economic Zone Commissioned
- Unit-3 (Recycling Plant) Commissioned
- AIFTMA Award for Export Excellence in the Medium Scale Jumbo Bags category for the year 2012-2013 at the 36th Annual Session

2016

- IPO and listing of equity shares on BSE
- Printed laminates and Flexible Packaging Division launched
- Unit SEZ expansion initiated
- Top Performer Award in the BSE SME Segment (2015-16)

2017

- 1.0 MW Solar Power System Commissioned (Captive Consumption)
- Appointed as DCA-cum-CS of OPal for Polymers (PE/ PP)
- Recognized as a Two-Star Export House by the Govt. of India under the foreign Trade Policy
- Unit-1 Cleanroom facility receives BRC Certification

2018

- Appointed as Training Partner/PIA under the DDU-GKY scheme for Skill Development, Training and Placement Program by the MoRD (Govt. of India)
- The new Unit SEZ Commissioned- one of the only fully-integrated clean-room facility in the country for FIBCs
- Total Production Capacity jumps from 13,100 MT to 17,000 MT per annum

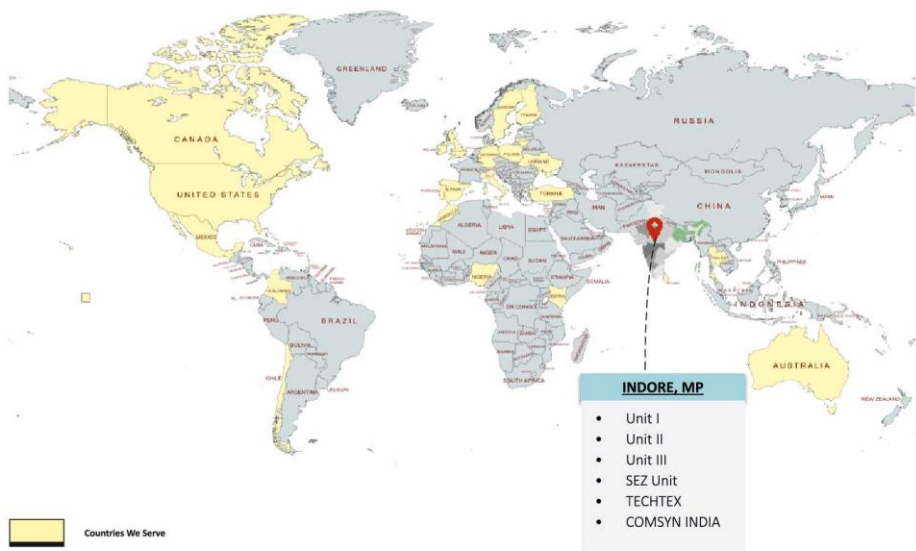
2020

- Unit-2 (Expansion) commissioned Backward Integration by installing a Multifilament Plant
- Incorporation and commissioning of Comsyn India Pvt. Ltd. (WoS)
- Total Production Capacity jumps from 17,000 MT to 20,630 MT per annum
- Appointed as Implementing Partner for upskilling/ reskilling of under the 'Samarth Program' by the Ministry of Textiles

2022

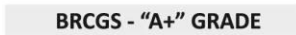
- Acquired "TechTex"-Technical Textiles division
- Manufacturing Ground Covers, Geotextiles, Silt Fences etc.

Global Footprint



Clients we serve





Gallery



TAPE PLANT



SULZER LOOM



CIRCULAR LOOMS



NEEDLE LOOM



FILLER CHORD MACHINE



**PP MULTIFILAMENT
MACHINE**



**LAMINATION
MACHINE**



LINER PLANT



**4 COLOUR
PRINTING MACHINE**



ROLL GODOWN



FINISHING



**BOPP PRINTING
MACHINE**



BACK-SEAM MACHINE



LINER GLUING



AIR WASH



METAL DETECTOR



BALE PACKING MACHINE



UV TESTING MACHINE



**TENSILE TESTING
MACHINE**



LOAD TEST

FIBC



Tunnel



Builder



Circular



U-Panel



Conductive



Baffle



UN Bag



One Loop



Two Loop

FIBC

Looking for an easy and cost-effective way to handle your bulk materials? Comsyn's Flexible Intermediate Bulk Containers (FIBCs) are the answer! Our FIBCs have an exceptional weight-to-strength ratio compared to other bulk handling solutions, making them the smart choice for your logistics and storage needs. As a specialist in bulk packaging for over 40 years.

Comsyn has the experience and expertise to provide you with reliable and high-quality solutions.

Product Features

	Recyclable Our FIBC'S are 100 % Recyclable		Liners Loosely inserted, Gusseted, Form-fit
	U/V Stabilization Our FIBCs are completely UV stabilized		Safety Factors From 5:1 upto 8:1
	Food Grade Our FIBCs are made from food-grade polymers		Certification Our FIBCs are certified from Labordata-Germany
	Fabrics Coated & Uncoated in all Colors		Printing 4 color Flexo printing. 6 color roll to roll printing
	Sewing Types Safety, Herakle, Lock, Double Chain, Dust Proofing Sewing		Document Pockets As per the requirements of the buyer - A4 size, A5 size & Zip Lock etc.
	Lifting Loops Available in various styles, designs and colours.		Accessories Velcro, B-lock, Hose-slider, Rope

Advantages of FIBCs :

- Each FIBC can carry up to 1000 times its own weight
- Each FIBC has integrated lifting loops, eliminating the need for pallets
- FIBCs can be printed on, allowing easy marking and identification
- FIBCs enable optimal utilization of space
- FIBCs simplify bulk handling
- FIBCs are very cost effective
- FIBCs are infinitely customizable
- Multiple attachments for added functionality
- FIBCs do not require further protective packaging
- FIBCs are durable and can withstand rough handling with heavy loads

Baffle Bag



Circular Q bag with
Cross-Corner Loops



Net Baffle



Fabric Baffle

Characteristics

- Form Stable
- Available baffles: standard and cord
- Supplied with or without a liner
- Various filling and discharging options
- Available with or without coating
- Optimization of truck and container loading

Benefits

- Safe and effortless handling, storage and transport
- Minimise risk during transport, storage and handling.
- Maximise Protection of mineral quality to avoid contamination.
- Protection against physical damage of the product inside.
- Excellent quality control
- Forms square package
- Improves storage capacity by up to 30%
- Square footprint provides for efficient space utilization
- Excellent stability and stackability



Woven Sack

Comsyn PP Woven Sacks are an excellent packaging solution for various industries due to their durability, strength, and versatility. Made from high-quality polypropylene materials, these bags can withstand harsh weather conditions, moisture, and rough handling during transportation, ensuring the safe delivery of your products. They are also reusable and completely recyclable, making them a sustainable choice for businesses looking to reduce their environmental impact.

With a variety of sizes and designs to choose from, PP Woven Sacks are the perfect choice for packaging products such as grains, seeds, fertilizer, animal feed, sugar and more. Whether you need to transport goods across the country or store products for an extended period, Comsyn PP Woven Sacks are a reliable and cost-effective solution that will exceed your expectations.



For Packaging : Used to pack cement, fertilizer, food grain & seeds, sugar oilseeds, chemicals, bale covers. We provide the product as per the customer demand and the specifications vary from customer to customer.

WIDTH	FROM 16" TO 48"
MESH	FROM 8 X 8 TO 13 X 13
DENIER	FROM 700 UPTO 1200
LENGTH	AS PER REQUIREMENT
TOP	HEMMED/ ULTRASONIC HEM/ HEAT CUT/ VALVE/ ZIG-ZAG CUT
BOTTOM	SINGLE FOLD SINGLE STITCH SINGLE FOLD DOUBLE STITCH DOUBLE FOLD DOUBLE STITCH DOUBLE FOLD SINGLE STITCH
PRINTING	UPTO 4 COLORS
LAMINATION	PP ON PP, LDPE ON HDPE
COLOR	AS PER REQUIREMENT
UV	AS PER REQUIREMENT

Bopp Laminated Woven Sacks



Matt Metalise



Glossy Metalise

Bopp Laminated Woven Sacks

Introducing the Comsyn BOPP Laminated Woven Sacks - the perfect solution for costeffective yet high-quality packaging. These bags are an economical alternative to multiwall kraft paper bags, featuring high-quality graphics that are sure to catch the eye of potential customers.

Our BOPP Laminated Woven Sacks are ideally suited for the consumer retail market, and are perfectly suited for packing a wide range of products including pet food, wild bird seed, animal feeds, minerals, salt, and chemicals.

BOPP films range from 15 to 50 microns, and boast improved stiffness, high tensile strength, excellent optics, and good water barrier properties. They are also non-toxic and fully recyclable.

Our BOPP bags are made from highly transparent BOPP films with a low haze, high gloss, and clarity. The film is available in a broad spectrum of micron thickness, with a stiffness that lends itself well to the printing process, presenting innumerable possibilities for excellent and attractive visuals.

Other benefits of BOPP packaging include its moisture-proof and impermeable properties, resistance to gas, oil, and grease, twist-resistance, and the fact that it does not shrink or wrinkle when exposed to environmental changes. With high seal strength, our BOPP laminated PP Woven bags are the perfect packaging solution for your products. Try them out today and see the difference they can make for your business.

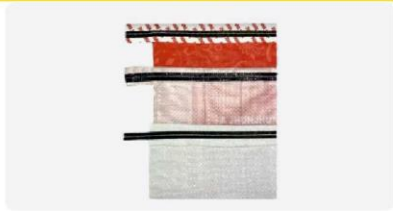
Applications of BOPP Laminated Woven Sacks

- Agriculture: grains, seeds, and animal feed packaging
- Chemicals and fertilizers packaging
- Construction and building materials packaging: cement, sand, and other aggregates
- Retail and consumer goods packaging: pet food and household items
- Durable and strong construction
- Excellent moisture resistance
- High printing quality
- Cost-effective packaging solution
- Environmentally friendly and 100% recyclable
- Versatile, suitable for a wide range of products
- Completely customizable
- Enhanced brand visibility and marketing opportunities

Handle Bag



Easy Open



Ventilated Bag

Comsyn offer Bags made from ventilated fabrics for packaging of potatoes, onions, beans, grains, nuts, wood logs or a similar product. This fabric has stripes with holes which allow the air to circulate in the bag. This is necessary to keep the product dry. Otherwise, with non-ventilated fabric the moisture coming out of the potatoes, onions etc. could not leave the FIBC and the goods might spoil.

Characterstics

- In Flat Sulzer looms can make customized vents - 21,24,26 vents.
- In Circular looms can make 10,12,14 vents.
- Designed for storing soil-based food items.
- Safeguard against moisture and mold formation.
- Vents designed for ample air-flow.
- Retain freshness of food items.

FIBC with ventilated fabric

- Comsyn ventilated FIBC can be offered in a variety of sizes to meet customer needs or requirements.
- We also offer formstable FIBC of ventilated fabric.
- These FIBC are very popular for potatoes, root vegetables and firewood.
- We also offer FIBC with ventilated fabric for filtration in which the thin fabric provides water or other liquids to pass through the fabric of the bag.
- The particles that you wish to separate from the liquid product stick to the net of the bag. We can offer fabric of different thickness suitable for different particle size.



Asbestos Bags

Asbestos has a number of uses in building construction, mainly insulation and can be found in lagging and fire retardant materials. Improper usage of asbestos has deadly consequences including various types of cancer. The mineral exists in very thin fibres and it disseminates in the air with ease - this is what makes asbestos removal a necessity.

Main concern at the site is Safe removal of Asbestos

- Paint chips
- Asbestos bearing wastes
- Glass wool
- Materials contaminated with oil and chemicals
- Oily sludge
- Contaminated and corroded scraps
- Other heavy metal bearing wastes

Handling & Disposal Methods:

Asbestos bearing wastes vary a lot in their characteristics. Fibrous asbestos waste is encapsulated in bags and then made to undergo solidification and stabilization before disposing off the stabilized mass into secured landfill disposal cell. The non fibrous material is crushed, solidified and stabilized with an established waste to binder ratio of 1:0.3 and then disposed off in secured landfill disposal facility.



DUMPSTER BAG

- Customised sizes 0.5 cbm to 3 cbm
- Holds from 50 kgs to 2500 kgs
- Cost effective, versatile, reusable and lightweight
- Easy to set up, use and store
- Replaces large metal dumpsters
- No damage to driveways, sidewalks or lawns
- The Bag is eco-friendly and recyclable.
- No scheduling rentals or waiting for metal dumpsters to be delivered
- Keep multiple empty bags in a small storage area
- Bags can be placed and picked up from difficult to reach areas.
- Ideal for household debris, cleanouts, renovation, remodeling debris and job-site cleanup
- Can be packed in point of sale bag for retail market.



Container Bag

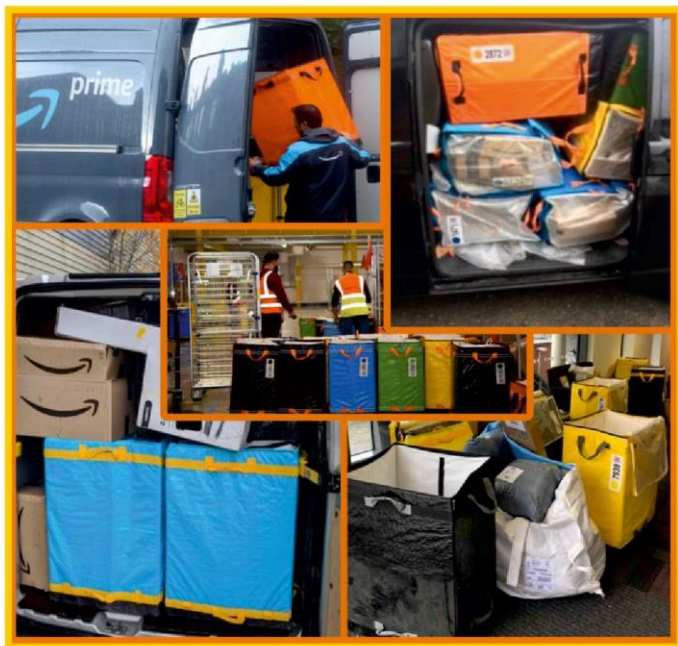
- Container bags are mainly designed for transportation of large quantities of flowable materials.
- Fillers match every standard ISO container- 20 ft, 40 ft.
- Designed according to customers' needs (filling spouts, etc.)
- Discharged by means of vents, cutting the front side of the container filler or even by suction.
- Provide optimal protection of the product and custom designed.
- Easy to install (less than 10 minutes)
- Increase capacity and cut down on the cost.
- Light-weight (20 ft filler = 8kgs.)



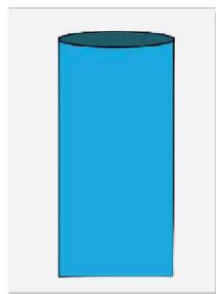
Fall Arrest Bag



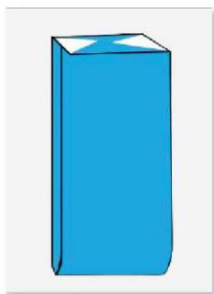
Courier Parcel Delivery Bag



PE Liners



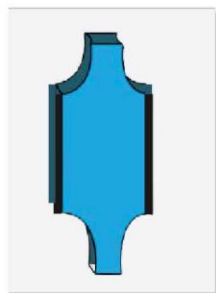
Open Top Liner



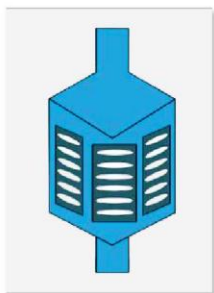
Gusseted Open Top Liner



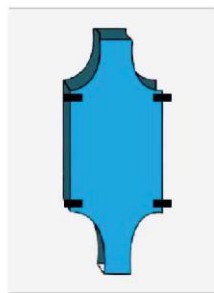
Form Fit Liner



Flange Liner / Wings



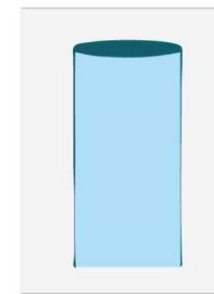
Baffle Liner



Form Fit Tabbed Liner



Conductive Liner



Anti-Static Liner



Gambo/Baffle Liner

PE Liners

LDPE based liners

- Low oxygen/Medium moisture barrier Food or specialty chemicals.
- Can be used as inner liner or outer hygienic cover to protect the FIBC from external contaminants.

Antistatic Liners

Suitable for Type B C and D FIBCs.

- Temporary antistatic achieved by using an antistatic additive migrating by nature. Limited shelf life, and not recommended for sensitive food applications.
- Permanent antistatic- achieved by using a permanent antistatic additive, non-migration nature. Preferred solution for food applications.

Conductive liners

- Suitable for Type C FIBCs, safely removes the electrostatic charge through grounding the FIBCs.

EVOH based liners

- High barrier function, prolonging the shelf life of your product.
- Milk powder, nutritional products, infant formula .

Aluminium based liners

- Superior barrier function, maximum oxygen and moisture protection.
- Most suited for hygroscopic products and aroma control.



TIGER

COMSYN

Tarpaulins

Comsyn's Tiger Tarpaulins (Registered Trademark) offer durable and reliable solutions for all your covering needs. Made from high-quality materials, our tarps are designed to withstand harsh weather conditions and provide long-lasting protection for your goods.

With a variety of sizes and colors to choose from, you can easily find the perfect tarp for your needs. Whether you need to cover your vehicle, protect your furniture during a move, or shelter your livestock from the elements, our tarps are up to the task.

In addition to our commitment to quality and affordability, Tiger Tarpaulins are available in both three-layer and five-layer configurations, and can be customized to meet your specific requirements in terms of length, width, color, thickness, and more. Whether you need a small tarp to cover your backyard furniture or a large tarp to shelter your entire farm, trust Tiger Tarpaulins for all your covering needs, and experience the difference in quality and durability.

Applications of Tiger Tarpaulins

Agriculture	protect crops, hay, and machinery from the elements
Construction	temporary roofs, scaffold covers, and debris netting
Transportation	cover cargo on trucks, trailers, and other vehicles
Outdoor events	temporary shelters or sun shades
Mining	cover equipment and machinery, create temporary structures
Sports	covers for sports fields and courts, temporary structures for outdoor events
Emergency relief	temporary shelters and covers in emergency situations

Advantages of Tiger Tarpaulins

Durability	can withstand harsh weather conditions and heavy use
Construction	ideal for covering materials that need protection from moisture
Transportation	easy to handle and transport
Outdoor events	provides long-term protection from sunlight
Mining	a cost-effective option compared to other types of covers
Sports	available in a variety of sizes, colors, and thicknesses, and can be customized to meet
Emergency relief	specific requirements



COMSYN

Tarpaulins

Dimensions

GSM	From 130 – 350 to 350 – 500
MESH	From 8 X 8 TO 13 X 13
DENIER	From 700 UPTO 1200
WIDTH	From 6ft AND ABOVE
LENGTH	From 6 ft AND ABOVE
LAMINATION	LDPE Lamination on Both Side
COLOR	Blue, Yellow, Black, Silver/Blue, Silver/White, Silver/Black or as per Customer requirement.
EYELET	Rust proof Eyelets on all Sides and Corners (as per requirement)
UV	As Per Requirement
ROPE	Inserted in Borders of Tarpaulin



Grow Bags

GROW BAGS

Grow bags are made up of high quality PP / HDPE. They are ideal for growing vegetables plants on terrace, balconies & in gardens and easily transportable because of its lightweight.

FEATURES

- Light weight
- Easy to carry
- Strong and durable
- Long life against earthen pots

BENEFITS

- Free-circulating air
- Mobility
- Cost-effective
- Grow plants and vegetables
- Gardening

SIZE

Diameter	Height
12 inch	12 inch
15 inch	15 inch
12 inch	15 inch
15 inch	12 inch



We also provide customized bags as per client's requirement.



TIGER

COMSYN

HDPE Vermibed

Comsyn's Tiger Brand Vermibeds are the perfect solution for organic waste management and sustainable agriculture. Made from high-quality HDPE material, the Tiger Vermibed is manufactured and tested as per the IS-15907 : 2010 standard.

Our Vermibeds are completely heat-sealed with a high-strength rope in the hemming, ensuring maximum durability.

Tiger Vermibeds are UV Stabilized and have 6 nets on the walls of the bed as well as an outlet at the bottom for optimal ventilation.

The Tiger Vermibeds come in a standard size of 12' x 4' x 2', but can be totally customized as per your needs.

Features

- Made from HDPE for weather, corrosion, and chemical resistance
- UV Stabilized
- Easy to install, use, and maintain; customizable- Eco-friendly solution for organic waste management
- Produces high-quality vermicompost for improved soil fertility and crop yield
- Cost-effective compared to other waste management solutions
- Windows for ventilation





COMSYN

HDPE LAYFLAT PIPES

Comsyn's Swajal HDPE Layflat Pipe (Registered Trademark) are the ideal solution for all your water supply needs.

The Swajal HDPE Layflat Pipe is a revolutionary innovation which solves all the issues with the traditional LDPE Layflat pipes like punctures and tears.

Made from high-density polyethylene (HDPE) material our HDPE Woven Layflat Pipe is UV stabilized and puncture-resistant, designed to cater to the needs of farmers, gardeners, and industries alike.

Whether you need to transport water for irrigation, flood control, or industrial purposes, our HDPE Woven Layflat Pipe is the perfect choice for you.

Swajal's Promise :

- Breaking Strength more than 900 Newton (92 Kgf)
- Working pressure 1.3 kg/ cm²
- Puncher Strength 320 newton (33kgf)
- Hydrostatic Burst Pressure 2.6 kg/ cm²
- Guarantee for complete size

Characterstics :

- Resistant to UV radiation, weather, corrosion, and chemicals
- Lightweight and flexible, easy to install and transport
- High flow capacity, smooth inner surface for efficient water supply and distribution
- Cost-effective compared to other water supply solutions
- Made from 100% recyclable materials, environmentally friendly





TIGER

COMSYN

GEOMEMBRANE

POND LINER

Features

- Resistant to UV rays
- High strength
- High Durability
- Puncture / Tear and Chemical Resistance
- Easy to handle while laying and sealing
- Light Weight
- Long Life - Ability to withstand in any weather condition
- Available in 300, 500, 700 Microns in Black and Blue Color.

Benifits

- 100% Seepage Control
- Cost Effective
- Multiple crops given availability of water throughout the year.
- Rain water Harvesting
- Lower dependency on monsoons

Uses

- Water Storage
- Fish Farming
- Industrial Application-
Checking seepage of effluent
Water to ground water
- Canal lining
Decorative Pond lining
(Farm House)



Ground Cover



Ground Cover

TT GC GROUND COVERS

The **TT GC Series** are PP Woven Ground Covers, also known as weed mats, is the ideal solution to your weed control needs. With its unparalleled strength and durability, this cover not only ensures effective water permeability, but also blocks any weed growth. No more worrying about harsh weather conditions as the TT GC is UV-resistant and can withstand any elements, providing you with a long-lasting and dependable solution. Convenient and cost-effective, the lightweight design of the TT GC makes it a breeze to install in Farms, Nurseries, Greenhouses or any Landscaping project.

Manufactured at our state-of-the-art facility from high tenacity Polypropylene Yarns on specialized looms, the woven ground cover is significantly stronger than conventional weed control materials, offering maximum resistance against tearing, damage, and degradation from common soil chemicals. This makes the TT GC a reliable solution in areas subject to heavy rainfall, where traditional weed control materials are prone to damage and fail to serve as the desired solution to your needs.

Applications - Farming, Nurseries, Greenhouses and Landscaping.

TECHNICAL SPECIFICATIONS OF GROUND COVER

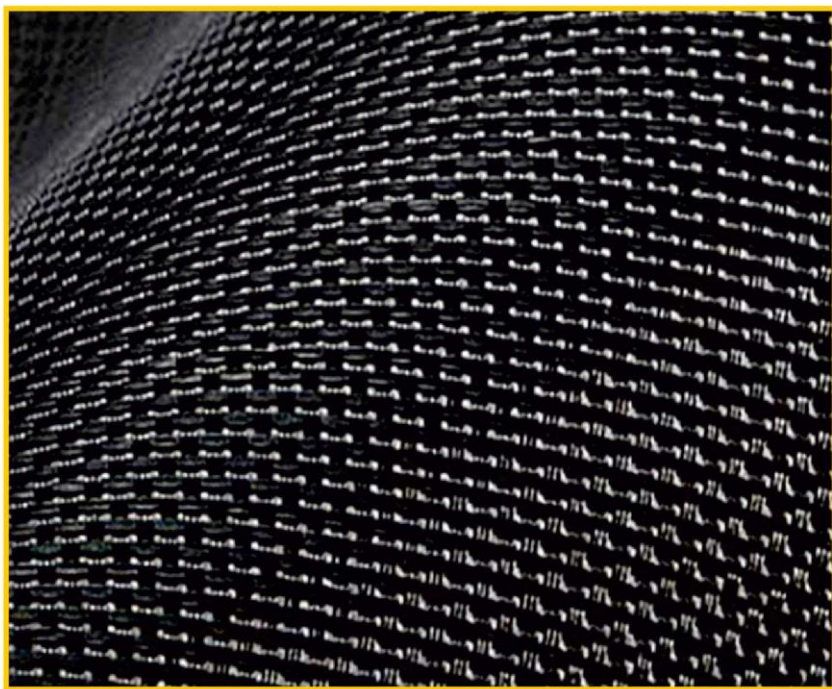
Parameter	Test Standard	Unit	GC 90	GC 95	GC 100
GSM	ASTM D 5261	Grams	90	95	100
Wide Width Tensile	MD	KN/M	22	22	21
	CD	KN/M	11	11.5	12
Elongation%	MD	%	20	20	20
	CD	%	15	15	15
Tear Strength	MD	N	400	400	400
	CD	N	240	240	240
CBR Puncture	ASTM D 6241	N	2100	2100	2100
Permittivity	ASTM D 4491	Sec/	0.10	0.10	0.10
Water Flow rate			7.4	7.4	7.4
AOS	ASTM D 4751	mm	0.250	0.250	0.250

At time of manufacturing. (Storage, handling & shipping may change these properties).

Note:-

- 1) Products is available in sizes from 1 Meter to 5.3 Meter
- 2) Roll sizes/colors & other GSM can be provided on request
- 3) Roll lengths and widths have a tolerance of +/-2% & +/-1%
- 4) Checks/Grids and Strips can be provided as per request

PP Woven Geotextile



PP Woven Geotextile

TT Woven Geotextile

The **TT GT Series** PP Woven Geotextile are the ideal solution for road reinforcement. With its unparalleled strength and durability, no more worrying about maintaining the soil structure and road strength, providing you with a long-lasting and dependable solution. Convenient and cost-effective, the lightweight design of the TT GT Series makes it a breeze to install on Highways, Residential Streets, Parking Lots and Driveways.

Manufactured at our state-of-the-art facility from high tenacity Polypropylene Yarns on specialized looms, the woven geotextile is significantly stronger than conventional reinforcement fabrics, offering maximum resistance against tearing, damage, and degradation from common soil chemicals. This makes the TT GT Series a reliable solution in areas subject to high traffic or heavy rainfall, where traditional geotextiles are prone to damage and fail to serve as the desired solution to your needs.

Applications - Highways, Streets, Pavement, Parking and Driveways.

TECHNICAL SPECIFICATIONS OF WOVEN GEO TEXTILE

SN	Property	Test Method	TT200GT (Metric)	TT250GT (Metric)	TT270GT (Metric)	TT315GT (Metric)	TT350GT (Metric)	TT370GT (Metric)	TT400GT (Metric)	TT600GT (Metric)
1	Grab Tensile Strength	ASTM-D-4632	890 N	1112 N	1200 N	1400 N	1556 N	1645 N	1778 N	2670 x 2848 N
2	Grab Elongation	ASTM-D-4632	15%	15%	15%	15%	15%	15%	15%	15%
3	CBR Puncture strength	ASTM-D-6241	3115 N	3335 N	3557 N	4000 N	4446 N	4669 N	6002 N	8893 N
4	Trapezoidal Tear	ASTM-D-4533	333.8 N	400 N	445 N	490 N	555 N	600 N	667 N	1111 x 1334 N
5	UV Resistance @ 500 hours	ASTM- D-4355	70%	70%	70%	70%	70%	70%	70%	70%
6	Apparent Opening Size AOS*#	ASTM-D-4751	0.425 mm	0.425 mm	0.425 mm	0.425 mm	0.425 mm	0.425 mm	0.425 mm	0.600 mm
7	Permittivity	ASTM-D-4491	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.15 ^{sec-1}
8	Roll Sizes		3.81 x 131.7 m	3.81 x 130 m	3.81 x 130 m	3.81 x 130 m	3.81 x 130 m	3.81 x 130 m	3.81 x 110 m	3.04 x 110 m
			4.57 x 110 m	4.57 x 110 m	4.57 x 110 m	4.57 x 110 m	4.57 x 110 m	4.57 x 110 m	4.57 x 94 m	3.81 x 110 m
			5.3 x 94 m	5.3 x 94 m	5.3 x 94 m	5.3 x 94 m	5.3 x 94 m			4.57 x 110 m

All values are Minimum Roll Avg. Values

* Apparent Opening size is maximum roll Avg. values.

Silt Fence



Silt Fence

TT SILT FENCE

The **TT SF Series Woven Silt Fence** is the ideal solution for erosion control and sediment management. With its unparalleled strength and durability, this fence not only effectively filters sediment, but also promotes the growth of lush vegetation. No more worrying about harsh weather conditions as the Woven Silt Fence is UV-resistant and can withstand any elements, providing you with a long-lasting and dependable solution. Convenient and cost-effective, the lightweight design of the Woven Silt Fence makes it a breeze to install on construction sites, roadways, and landscaping projects.

Manufactured at our state-of-the-art facility from high tenacity Polypropylene Yarns on specialized looms, this fence is significantly stronger than conventional filter fabrics, offering maximum resistance against tearing, damage, and degradation from common soil chemicals. This makes the TT SF Series a reliable option in areas subject to high wind or heavy rainfall, where traditional silt fences are prone to damage and fail to serve as the desired solution to your erosion and sediment control needs.

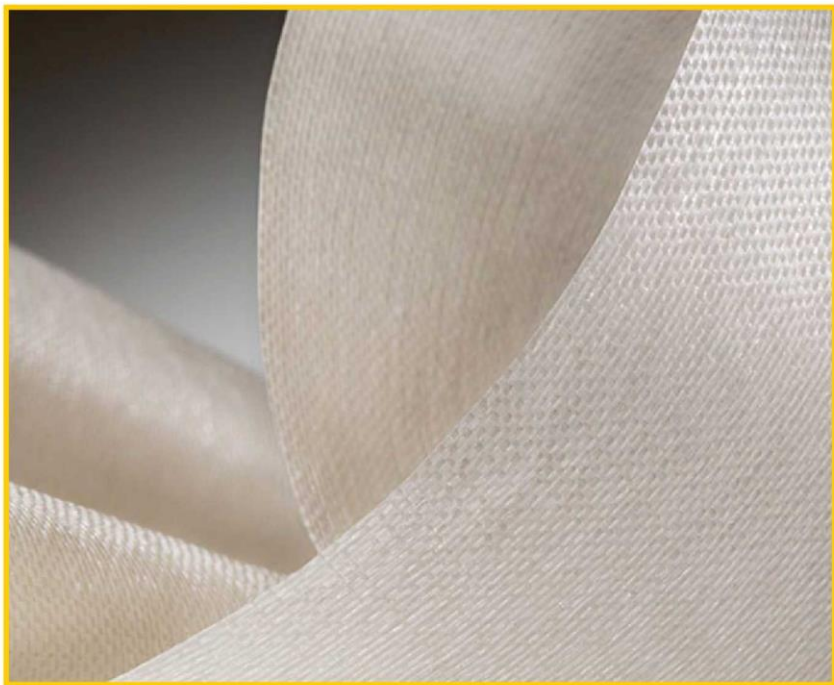
Applications - Farms, Construction sites, Land Development Projects and Roadways.

Sr. No.	Property	Test Method	TT75SF	TT100SF	TT125SF	TT1250SF
			Roll Value	Roll Value	Roll Value	Roll Value
			(Metric)	(Metric)	(Metric)	(Metric)
1	Grab Tensile Strength	ASTM-D-4632	333 / 268 N	445 N	555 / 466 N	555 N
2	Grab Elongation	ASTM-D-4632	15%	15%	15%	15%
3	CBR Puncture strength	ASTM-D-6241	578 N	889 N	1112 N	1333 N
4	Trapezoidal Tear	ASTM-D-4533	111 N	200 N	200 N	244 N
5	UV Resistance @ 500 hours	ASTM-D-4355	70%	70%	70%	70%
6	AOS* [#]	ASTM-D-4751	0.60 mm	0.60 mm	0.60 mm	0.60 mm
7	Permittivity	ASTM-D-4491	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}	0.05 ^{sec-1}
8	Roll Sizes		0.91 x 3017 mtr	0.91 x 3017 mtr	0.91 x 762 mtr	0.91 x 762 mtr
			1.22 x 3017 mtr	1.22 x 3017 mtr	1.22 x 762 mtr	1.22 x 762 mtr
			1.83 x 3017 mtr	1.83 x 3017 mtr	1.83 x 762 mtr	1.83 x 762 mtr
			2.43 x 3017 mtr	2.43 x 3017 mtr	2.43 x 762 mtr	2.43 x 762 mtr
			3.04 x 3017 mtrs	3.04 x 3017 mtrs	3.04 x 762 mtrs	3.04 x 762 mtrs

All values are Minimum Roll Avg. Values

* Apparent Opening size is maximum roll Avg. values.

Carpet Backing



Carpet Backing

The TT Carpet Backing Series is crafted with superior quality polypropylene yarn, woven together to form a highly durable and stable material. This high-performance backing material provides an unbeatable foundation for any residential or commercial carpet, ensuring your carpets stay in place, no matter how much foot traffic they endure. Our carpet backing material is designed to withstand all types of environmental factors, such as moisture and mildew. Our PP Woven Primary Carpet Backing is built to last, providing excellent strength and durability that can handle the most rigorous demands. The material can withstand heavy foot traffic and wear and tear, making it a top choice for high-traffic areas like retail spaces, hotels, and offices. Another unique feature of our PP Woven Primary Carpet Backing is its ease of installation. The material can be easily cut to fit any size or shape of carpet, making it a highly versatile and practical choice.

Features

- **Superior Tufting-** It has a flat weave with fibrillated weft yarns to ensure easy tufting.
- **Durability-** It is extremely walkable and can withstand heavy foot traffic and last for many years.
- **Moisture Resistant-** It is resistant to moisture and mildew, making it ideal for use in areas prone to moisture.
- **Chemical Resistant-** It is resistant to chemicals and won't be damaged by cleaning agents or other chemicals.
- **UV Resistant-** It is UV-resistant and won't fade or degrade over time due to sun exposure.
- **Lightweight-** It is lightweight and easy to work with during the carpet manufacturing process.
- **Recyclable-** It is recyclable and can be reused and repurposed after its initial use

TECHNICAL SPECIFICATIONS OF CARPET BACKING

Type	Construction / 10 cm		Weft	Weight G/m.sq.
	WARP	WEFT		
SF TT0900	110	56	Fibrillated	90
SF TT0920	110	60	Fibrillated	92
SF TT0950	110	64	Fibrillated	95
SF TT0980	110	71	Fibrillated	98
SF TT01050	110	82	Fibrillated	105

Standards

Width : 212-318-385-412-416-418-520 cm (±1 cm)

Roll Length : 1100-1200 lm.

Color : Tan/Tan - Tan/Black - Tan/Brown - Black/Black

Makeup : Cardboard tube Ø 120 mm.

Packing : Polypropylene Sheet

Others



Shopping Bag



Silo Bag



PP Woven Fabric



Spiral Tubing



Bopp Fibc



Garden Waste bags

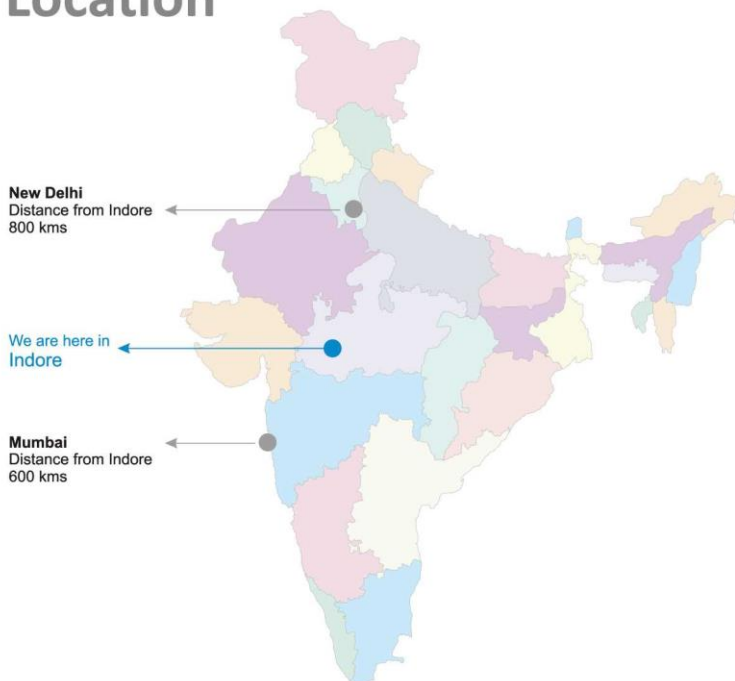


Box Bag



Mulch Film

Location



Manufacturing Plants

Unit I

Commercial Syn Bags Limited
Plot No. S-4/3, Sector-1, Pithampur (M.P.)

Unit II

Commercial Syn Bags Limited (Unit-II)
Plot No. S-3/1, Sector-1, Pithampur (M.P.)

Unit III

Commercial Syn Bags Limited (Unit-III)
Plot No. 309, Sector-1, Pithampur (M.P.)

SEZ UNIT

Indore Special Economic Zone, Plot No.
18, Phase 1 Sector-3, Pithampur (M.P.)

TechTex

Indore Special Economic Zone, Plot No.
12 & 13, Phase II Sector-3, Pithampur (M.P.)

Commercial Syn Bags Limited.

"Commercial House", 3-4, Jaora Compound, M.Y.H. Road, Indore 452001 Madhya Pradesh, India.

Contact No. +91-07292 415151 / 07292 415152

For sales inquiry: info@comsyn.com, hemant@comsyn.com,

Website: www.comsyn.com