

NEWTON[®] EXPORTS

One Partner. All of India.

Sourcing • Export Management • Private Label • Global Delivery

EXPORTERS FROM INDIA

PRODUCT CATALOG

TECHNICAL TEXTILES, FILMS & PROTECTIVE SOLUTIONS

NON-WOVEN FABRICS

Spunbond PP • Bedding • Furniture • Landscaping

TARPAULINS & COVERS

Cross-Laminated • Woven Coated • Truck • Agricultural

ROOFING & HOUSEWRAP

Synthetic Underlayment • WRB • Breathable Barriers

AGRICULTURAL FILMS

Mulch Film • Shade Nets • Polytunnel • Fumigation Covers

GEOMEMBRANE LINERS

Water Retention • Containment • Pond Liners

FLEXIBLE PACKAGING

Lamination • Barrier • Nylon/EVOH • Mulch • Bio-degradable

WEED CONTROL MATS & GROUND COVER FABRICS

Weed Suppression for Agriculture, Horticulture & Landscaping

PP WOVEN BAGS, SACKS & FIBC

PP Woven Sacks • BOPP Laminated Bags • Flexible Containers

For Enquiries & More Details

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Polypropylene Spunbond Non-Woven Fabrics

India exports premium 100% polypropylene spunbond non-woven fabrics independently tested for harmful substances. These fabrics are engineered for industrial and commercial applications across geotextile, furniture, bedding, hygiene, filtration, medical, and packaging sectors globally.

KEY SPECIFICATIONS & CERTIFICATIONS

Base Material	100% Polypropylene Spunbond
OEKO-TEX Standard 100	Certified. Sourced from Certified Manufacturers
Applications	Bedding, Furniture, Landscaping, Hygiene, Filtration, Geotextile
Mattress Fabric Tested Life	Laboratory-tested durability performance for long-term use.
Landscaping Grades	2 Grades - UV stabilized, 3-layer construction
Furniture Cover Construction	Breathable 3-layer membrane with reinforced mesh core
Supply Format	Rolls - custom widths and lengths available
Private Label / OEM	Available - custom colour and configuration on request

PRODUCT APPLICATIONS

Bedding & Mattress Components

Spunbond PP mattress pocket material specifically engineered for the bedding industry as a spring cover and pocket fabric. Laboratory tested to last 25 years. Outstanding abrasion resistance, uniformity, elongation, flexibility, and softness. Dust covers and protective fabrics for leading mattress manufacturers.

Furniture Components & Bed Covers

Breathable 3-layer membrane with reinforced mesh core for outstanding strength. Available in custom colours and configurations. Trusted by leading furniture and bedding manufacturers for quality and ease of application. Vertically integrated production ensures consistent colour and configuration.

Landscaping Fabric

Advanced 3-layer construction with superior weed blocking, excellent air and water permeability and UV stabilisation. Precision grid structure prevents sprout penetration. Dense mesh layer grips soil, reduces blow-offs controls erosion.

TYPICAL BUYERS FOR NON-WOVEN FABRICS

Mattress & Bedding Manufacturers

Furniture Manufacturers

Landscaping & Garden Retailers

Hygiene & Medical Product Makers

Geotextile & Civil Engineering

Filtration & Industrial Packagers



Synthetic Roofing Underlayment & Housewrap / WRB

India manufactures premium synthetic roofing underlayments and weather-resistive barriers (WRBs) for the construction industry. These products are engineered to outperform traditional felt underlayments and offer superior water holdout, breathability and UV stability for residential and commercial roofing and wall assembly applications.

A. SYNTHETIC ROOFING UNDERLAYMENT

Tear-Resistant Substrates

Woven and non-woven bases deliver high tensile and tear strength for rugged handling on job sites.

Slip-Resistant Surface

Textured walk surface designed to enhance footing in both dry and damp conditions during installation.

UV-Stabilized

UV-stable coatings support extended exposure during staging and installs - no degradation during delays.

Lightweight & Efficient

High coverage, lightweight to speed installation and reduce worker fatigue on pitched roofs.



B. HOUSEWRAP / WEATHER-RESISTIVE BARRIERS (WRB)

Breathable Housewrap

Designed to resist bulk water while allowing vapour to escape - supporting drying potential and helping reduce moisture risk in wall assemblies.

- Balanced vapour permeability to support drying
- Strong water holdout for wind-driven rain protection
- Durable sheet structure to resist tearing and jobsite abuse
- Pairs with tapes and flashings for seam continuity

Microperforated Housewrap

Proven WRB approach using microperforations for vapour movement while maintaining reliable water resistance. Established performance history.

- Reliable water resistance with field-proven track record
- Controlled vapour transmission through microperforation
- Jobsite-friendly handling for fast, consistent coverage
- Strong value positioning for volume buyers

DETAILS AND SPECIFICATIONS

Products Available

Synthetic Roofing Underlayment · Breathable Housewrap · Micro perforated Housewrap

Private Label Options

Custom facer colours and prints · Branded packaging · Regional formulation options

Roll Formats

Custom widths and lengths · Compatible with tapes and flashing systems

Underlayment Certifications

In-process testing and traceability · Rigorous QC protocols

WRB Certifications

Products designed per ASTM WRB test standards · Climate/region positioning available

Minimum Order

Flexible MOQs for private label and distribution programs

Target Markets

Roofing distributors · Hardware wholesalers · Building materials retailers

Engineered Multilayer Geomembrane Liners for Water Retention

India manufactures engineered multilayer geomembrane liners using advanced technologies - delivering exceptionally high hydrostatic resistance for water retention and containment applications. All products carry ISI approval (IS 15351) and meet NSF/ANSI 61 standards - certified safe for potable drinking water.

THREE-GRADE PRODUCT RANGE - SELECT BY APPLICATION AND THICKNESS

HEAVY DUTY GRADE		STANDARD GRADE		ECONOMY GRADE	
850 microns (0.85 mm)		650 microns (0.65 mm)		300 microns (0.30 mm)	
Weight (GSM)	650 GSM	Weight (GSM)	440 GSM	Weight (GSM)	260 GSM
Hydrostatic (PSI)	410 PSI	Hydrostatic (PSI)	370 PSI	Hydrostatic (PSI)	225 PSI
Breaking Str. (lbs)	500 / 490 lbs	Breaking Str. (lbs)	450 / 425 lbs	Breaking Str. (lbs)	280 / 220 lbs
Tear Resist. (lbs)	106 / 101 lbs	Tear Resist. (lbs)	78 / 74 lbs	Tear Resist. (lbs)	55 / 45 lbs
Puncture (lbs)	192 lbs	Puncture (lbs)	190 lbs	Puncture (lbs)	90 lbs
Ball Burst (PSI)	800 PSI	Ball Burst (PSI)	700 PSI	Ball Burst (PSI)	250 PSI
Best for: Oil field pit liners, large containment systems, heavy-duty remediation, industrial secondary containment. Highest hydrostatic resistance in range.		Best for: Agricultural pond liners, golf course and decorative ponds, standard water retention and containment. Best value for mid-range performance requirements.		Best for: Smaller pond liners, temporary containment, irrigation reservoirs, decorative water features and low-load secondary containment applications.	

ALL GRADES SHARE THESE FEATURES

Recoil Film Technology	Advanced multilayer film structure for maximum hydrostatic resistance
Fusion Coating	Water tight seal panels - polymer blend coating technology
Low Temperature Flexibility	-50 deg C (ASTM D2136) - performs in all climates and conditions
UV Weathering	Greater than 90% retention at 2,000 hours ASTM G154 (QUV A-340 lamps)
ISI Certification	IS 15351:2015. NSF/ANSI 61 (potable water safe)
Chemical Resistance	Outstanding resistance to a wide range of chemicals and environmental exposure
Construction	Non-toxic. No PVC or hazardous materials. Weldable at low temperatures

APPLICATIONS

Pond Liners	Oil Field Pit Liners	Containment Liners	Golf Course Ponds
Decorative Water Features	Remediation Liners	Secondary Containment	Agricultural Irrigation Reservoirs

Cross-Laminated & Woven Coated Tarpaulins

India manufactures premium cross-laminated and woven-coated tarpaulins using advanced technology and world-class multilayer blown extrusion. Indian tarpaulins meet IS 14611 and are tested by Asian and North American laboratories. Available in custom sizes, weights, and colours for industrial, agricultural and commercial applications.

PRODUCT TYPE A - CROSS-LAMINATED TARPULINS

3-layer cross-laminated construction tarpaulins manufactured in India

Cross-laminated tarpaulins are manufactured through an advanced process: co-extruded multilayer tubular blown films are helically cut at an angle to orient polymer molecules, then cross-sandwiched and grooved before final lamination. This creates a film with exceptional machine and cross directions - outperforming standard tarpaulins significantly.

GSM OPTIONS: 70, 90, 120, 150, 200, 250 & 300 GSM

PRODUCT TYPE B - WOVEN COATED TARPULINS

UV-stabilized woven coated tarpaulin - heavy-duty construction for industrial and long-term outdoor applications

Woven coated tarpaulins are manufactured through extrusion, weaving and coating of polyethylene strands. The woven structure provides greatly increased durability, tear resistance and strength compared to plain film tarpaulins. UV stabilisers are added during extrusion for extended outdoor life.

GSM OPTIONS: 90, 110, 120, 150, 165, 200 & 250 GSM

100% Waterproof

Complete moisture protection in all weather conditions.

Eco-Friendly & Recyclable

Manufactured from recyclable polymer

High Tensile Strength

Superior strength in both machine and cross directions.

UV Stabilized

Resists UV degradation for extended outdoor use.

Easy to Cut & Install

Field-workable with standard tools.

Custom Sizes Available

Made to order for specific project dimensions.

TYPICAL APPLICATIONS - BOTH TARPULIN TYPES

Truck & Transport Covers

Cargo protection during transit - weather and dust resistant.

Agricultural Covers

Crop protection, grain storage, farm equipment covers.

Construction Site Protection

Scaffold wraps, temporary weather barriers, debris covers.

Industrial Storage

Warehouse tarpaulins, machinery covers outdoor storage.

Pond & Water Retention Liners

Temporary and permanent water containment applications.

Fumigation Covers

Airtight sealing for pest control fumigation operations.

Mulch Films, Shade Nets, Polytunnel Films & Agricultural Covers



India is a major producer and exporter of agricultural films and nets, serving farms globally across five continents. Products include high-performance mulch films manufactured using world-class multilayer blown extrusion technology, UV-stabilised shade and bird nets and cross-laminated tarpaulins for agricultural use. Tested and approved by Asian and North American laboratories.

A. MULCH FILM - Multilayer Blown Extrusion, 100% Virgin Material

Agricultural mulch film manufactured using world-class multilayer blown extrusion technology with 100% virgin polymer material. The film is weather and chemical-resistant with excellent tensile strength, very good puncture resistance and superior tack and seal properties. Transparent options allow crop monitoring without removing the film.

<p>Weather & Chemical Resistant</p> <p>Withstands harsh field conditions, UV exposure and agricultural chemicals.</p>	<p>Excellent Tensile Strength</p> <p>Resists tearing during mechanical application and throughout the growing season.</p>	<p>Superior Tack & Seal Properties</p> <p>Secure fit around plant beds for effective weed suppression and moisture retention.</p>
<p>High Puncture Resistance</p> <p>Durable under mechanical laying equipment and drip irrigation systems.</p>	<p>Transparency Option</p> <p>Transparent grades allow soil warming and crop monitoring without removal.</p>	<p>Versatile Crop Compatibility</p> <p>Suitable for vegetables, fruits, ornamental plants and specialty crops.</p>

B. UV-STABILISED SHADE NETS & BIRD NETTING

New-generation, UV-stabilised machine-knotted nets designed for long-lasting agricultural and commercial netting applications. Highly durable with excellent resistance to weather elements including wind, rain and sunlight. Available in varying mesh sizes for bird protection, shade regulation and crop protection.



Net Type	Bird Net and Agro Shade Net variants
UV Stabilization	UV-stabilized for long-term outdoor exposure resistance
Construction	Machine knotted - superior knot integrity and uniform mesh
Applications	Bird exclusion, crop shade, building protection, warehouse netting
Mesh Size	Available in multiple mesh configurations per application requirement
Durability	Resilient to wind, rain, and direct sunlight - suitable for all climates

C. ADDITIONAL AGRICULTURAL COVER PRODUCTS

<p>Polytunnel Films</p> <p>Cross-laminated or woven films for protected cultivation tunnels. UV-stabilised with high clarity options for solar transmission.</p>	<p>Fumigation Covers</p> <p>Heavy-duty, airtight tarpaulins for methyl bromide and phosphine fumigation of stored grain, soil and commodities. Gas-impermeable construction.</p>	<p>Silage & Hay Covers</p> <p>High-tensile, UV-stabilised agricultural tarpaulins for protecting silage pits and haybales from weather damage during storage.</p>	<p>Irrigation Pond Liners</p> <p>Water-retention geo membrane liners for farm irrigation pond sand reservoirs - NSF/ANSI 61 certified, safe for agricultural water storage.</p>
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Multi-Layer Flexible Packaging Films

India is a major global exporter of multi-layer flexible packaging films, with a market valued at USD 20.41 billion in 2025, driven by demand for food, pharmaceutical, and industrial packaging. Specialized firms produce 5-9 layer barrier films, exporting to over 40 countries, particularly in the APAC and European regions.

PRODUCT RANGE - NINE FILM CATEGORIES

<p>Lamination Films</p> <p>Tight tolerances for specific applications. Optimum COF and bonding strength with excellent seal property. Opaque grades also available.</p>	<p>Surface Printing Films</p> <p>Effective printability with excellent seal property. Available in different colours. For oil, milk, water and food product packaging.</p>	<p>Surface Protection Films</p> <p>Industrial and consumer protection films - scratch, abrasion and dust protection during manufacturing and transport.</p>
<p>Mulch Films</p> <p>Best quality agricultural mulch films with excellent UV stability. Manufactured in different widths and thicknesses for various crop applications.</p>	<p>A-Peel Films</p> <p>Peel and seal films for cup sealing - jams, jelly, ice cream, juices, water. Strong seals with easy consumer peel.</p>	<p>Lamitubes Films</p> <p>Multi-layer films for Lamitube applications - toothpaste, pharma creams, cosmetics. Barrier properties preventing moisture and oxygen ingress.</p>
<p>High Transparency Films</p> <p>Very high clarity transparent films for water packing and garment packaging where product visibility is essential.</p>	<p>Nylon & EVOH Barrier Films</p> <p>5-layer and 7-layer nylon films with high barrier properties. Significantly increases shelf life. Vacuum packaging suitable.</p>	<p>Bio-degradable & Compostable</p> <p>Certified 100% eco-friendly bio-degradable and compostable films for lamination and printing. Meets international compostability standards.</p>

APPLICATIONS BY END MARKET

<p>Dairy & UHT</p> <p>Milk pouches, cheese wraps, UHT packs, butterwraps</p>	<p>Meat & Poultry</p> <p>Thermoformed barrier webs, lidding films, MAP packaging</p>	<p>Dry Fruits</p> <p>Vacuum packs for dates, nuts, candied fruits - high barrier</p>
<p>Spices & Tea</p> <p>Bulk barrier liners, retail coffee packs, spice pouches</p>	<p>Juices & Pulp</p> <p>Barrier films for concentrates, pulps, hot-fill juice pouches</p>	<p>Pharma / Oral</p> <p>Toothpaste, gels, cosmetics - Polysurlyn moisture barriers</p>

TECHNICAL CAPABILITIES & CERTIFICATIONS

Technology	Multi-layer co-extrusion - tight tolerance production for specific end applications
Certification	ISO 9001 certified quality management system
Layer Structures	5-layer and 7-layer structures available for high-barrier applications (Nylon/EVOH)
Special Films	Polysurlyn Moisture Barrier, EVOH superior barrier, UHT packaging film
Eco-Options	Bio-degradable and compostable films with international certification
Supply Format	Roll form - custom widths and print registration available
Private Label	Custom formulations available - specific COF, bonding strength, seal properties

Weed Mats & Ground Cover Fabrics

India is a significant manufacturer and exporter of PP woven and non-woven weed control mats, supplying agricultural, horticultural, nursery and landscaping buyers. Manufactured using wide-width Sulzer looms and UV-stabilised virgin polypropylene, Indian weed mats offer 5+ years of outdoor performance life at highly competitive factory-direct prices.

A. WOVEN PP WEED CONTROL MAT

Construction: PP woven tapes manufactured on wide-width Sulzer looms (max width 5.2 metres). Woven structure allows water, air, and nutrients to pass freely into the soil while blocking sunlight to prevent weed germination. Available in black (standard) and black-with-green stripe variants.

100% UV Stabilised

Minimum 3% UV stabiliser content; 5+ years outdoor life in full sun exposure

High Water Permeability

Woven construction allows free passage of water, air and soil nutrients - no waterlogging

High Tensile Strength

Superior tear and puncture resistance; withstands mechanical installation and anchor pegs

Marker Lines Every 12"

Grid markings for precise plant spacing, easy cutting, and professional installation

B. NON-WOVEN PP GROUND COVER

Needle-punched spunbond polypropylene ground cover for applications requiring softer texture, higher filtration performance, and erosion control. Resistant to mould and bacteria. Available in white and black. Lighter weights suitable for frost protection; heavier weights for long-term weed suppression and geotextile separation.

KEY SPECIFICATIONS & CERTIFICATIONS TABLE

Base Material	100% Virgin Polypropylene (PP) - woven or non-woven
GSM Range	50 GSM to 150 GSM (standard: 70, 90, 100, 110, 120 GSM)
Width Options	1.0 m · 1.2 m · 1.5 m · 2.0 m · 3.0 m · 4.2 m · 5.25 m
Roll Length	Standard 100 m rolls; custom lengths available
Colour	Black (standard) · Black with green stripe
UV Stabilisation	Minimum 3% UV stabiliser; 5+ year outdoor life
Water Permeability	Highly permeable - allows free drainage into soil below
Tensile Strength	High - resistant to tearing, puncturing, and weed penetration
Certifications	ISO 9001:2026 · ISO 14001:2015 · BIS quality standards



APPLICATIONS

Fruit Orchards & Vineyards	Vegetable & Crop Farms	Nurseries & Greenhouses	Landscaping & Garden Beds
Gravel Paths & Driveways	Solar Farm Ground Cover	Strawberry & Soft Fruit Beds	Golf Courses & Sports Grounds

Indian manufacturers operate wide-width Sulzer looms (up to 5.2 m width) and Reifenhäuser Reicofil spunbond lines - the same equipment used by leading European and global producers. Production runs from Gujarat, Maharashtra (Mumbai), Tamil Nadu (Coimbatore), and Andhra Pradesh clusters.

PP Woven Bags, Sacks & FIBC



India is one of the world's foremost manufacturers and exporters of flexible intermediate bulk containers (FIBC), PP woven sacks, and BOPP laminated bags - supplying chemical, agricultural, food, pharmaceutical, construction, and minerals industries globally. Products are manufactured from virgin polypropylene with ISO 9001, BRCGS, Halal, and UN-certified options available.

A. FIBC / JUMBO BAGS (BIG BAGS)

FIBC bags (Flexible Intermediate Bulk Containers), also called jumbo bags or big bags, are the globally dominant solution for bulk transport and storage of dry, flowable materials. India is a globally recognised FIBC manufacturing hub, exporting to 50+ countries with products certified to ISO, BRCGS A+, Halal, and UN standards.

Safe Working Load 500–2,000 kg Engineered for heavy-duty bulk handling across industrial, chemical, food, and agricultural	Four FIBC Types Available Standard, Antistatic, Conductive / Grounded, Static-Dissipative for all safety environments	Custom Configurations U+2 panel, circular/tubular, baffle (Q-bag), UN certified hazmat, food-grade, and dewatering FIBCs available	Full Liner Options PE liner, aluminium liner, moisture/oxygen barrier liners for fine powders and sensitive materials
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FIBC Types Reference Panel (compact, matching geomembrane grade format):

Type	Construction	Best For
Type A	Standard PP woven, no static protection	Non-flammable dry goods: grains, sand, minerals
Type B	Non-conductive with antistatic threads	Products with low ignition sensitivity
Type C	Conductive interwoven threads, grounded	Flammable powders; must be grounded during use
Type D	Static-dissipative fabric, no ground needed	Combustible dust environments; safest FIBC type

B. PP WOVEN SACKS & BAGS

PP woven sacks manufactured on circular looms from virgin polypropylene - the workhorse of agricultural, cement, chemical and food-grain packaging worldwide. Available plain woven, laminated, BOPP printed, or with PE liners.

KEY SPECIFICATIONS & CERTIFICATIONS TABLE

Base Material	Virgin Polypropylene (PP) or HDPE woven fabric
GSM Range	0–120 GSM (sacks); 150–280 GSM (FIBC fabric)
Bag Types	PP Woven Sacks · BOPP Laminated Bags · Block Bottom Bags · AD-Star Bags · Valve Bags
Capacity Range	5 kg to 50 kg (sacks) · 500 kg to 2,000 kg (FIBC)
Printing	Up to 8-colour flexographic or BOPP printing for retail packs
Liner Options	PE liner · Aluminium liner · Moisture barrier · Oxygen barrier
Certifications	ISO 9001 · BRCGS A+ (food grade) · UN certification (hazmat) · Halal · ISO 22000



APPLICATIONS

Chemicals & Petrochemicals	Cement & Construction	Fertilizers & Agri-Inputs	Food Grains & Sugar
Minerals & Mining	Pharmaceuticals	Animal Feed & Pet Food	Waste Management

Source These Products Through

NEWTON[®] EXPORTS

One Partner. All of India.

Newton Exports acts as a single accountable export partner for all products in this catalogue. We manage supplier coordination, quality verification, export documentation, sea freight and private label or OEM arrangements - so you deal with one partner, not four factories.

COMPLETE PRODUCT CATALOGUE SUMMARY

S No	Category	Products	Certifications
01	Non-Woven Fabrics	Spunbond PP - Bedding, Furniture, Landscaping	OEKO-TEX Std 100
02	Roofing Underlayment	Synthetic SRU - Woven & Non-woven substrates	ASTM D751 tested
03	Housewrap / WRB	Breathable & Microperforated Weather Barriers	ASTM WRB standards
04	Geomembrane Liners	3 grades: 300 / 650 / 850 microns	IS 15351 NSF/ANSI 61
05	Cross-Laminated Tarps	7 GSM options 70-300 GSM, custom sizes	IS 14611
06	Mulch Film	7 GSM options 90-250 GSM, 4 colours	IS 14611
07	Woven Coated Tarps	Multilayer blown extrusion, 100% virgin	Lab approved
08	Shade & Bird Nets	UV-stabilised, machine-knotted, multi-mesh	UV tested
09	Packaging Films	9 types incl. Nylon/EVOH, bio-degradable	ISO 9001
10	Weed Control Mats	Woven PP, 70-120GSM, upto 5.2mtr width	ISO 9001 / ISO 14001
11	Ground Cover Fabrics	Non Woven PP, 50-150GSM	ISO 9001 / ISO 14001
12	FIBC / Jumbo Bags	Type A / B / C / D Big Bags with liner options	ISO 9001
13	Woven Sacks & Bags	PP or HDPE Woven Fabric Sacks & Bags	ISO 9001

HOW TO ORDER - 4 SIMPLE STEPS

01 Share Your Requirement

Send us your product category, specification, quantity, destination port and any certification or private label requirements.

02 Receive Quote & Samples

We provide indicative pricing (FOB India) and coordinate samples so you can verify quality before committing to a bulk order.

03 Confirm Order

Issue your Purchase Order. We manage production scheduling, quality inspection, export documents and fumigation where required.

04 Shipment & Delivery

Goods are loaded at JNPT Mumbai, Mundra, Chennai or Kolkata. We provide Bill of Lading and full shipment tracking. Your freight forwarder or ours.

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