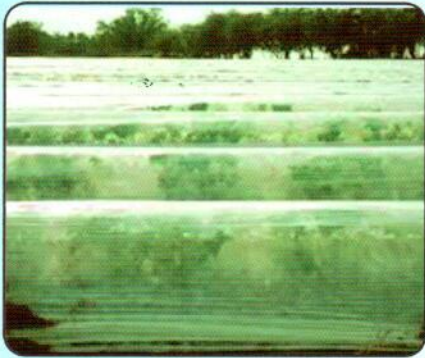




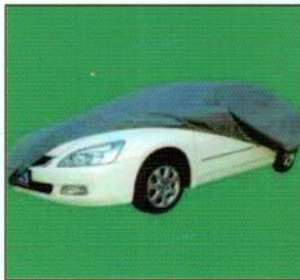
Fiberweb (India) Limited

CIN : L25209DD1985PLC004694



Manufacturers of PP Spunbond Nonwoven Fabrics & Products





Fiberweb (India) Limited

Manufacturers of Polypropylene Spunbond Nonwoven Fabrics & Products

CIN : L25209DD1985PLC004694

Regd. Office :

Airport Road, Kadaiya,
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'KIRAN' GROUND FLOOR, 128, BHAUDAJI ROAD,
NEXT TO BANK OF BARODA, MUMBAI - 400019
PHONE : 0091 (0) 22 - 24044855, 24044876
24082689, 24082690

FAX : 0091 (0) 22 - 24044853

E-mail : fiberweb@vsnl.net

Website : www.fiberwebindia.com

THE COMPANY

Fiberweb is the first company in India to set up a spunbond nonwoven fabric plant.

THE PLANT AND TECHNOLOGY

The state of the art "REICOFIL II" DOUBLE BEAM plant from REIFENHAUSER, Germany

Qualified and experienced team of Engineers and Technicians.



THE PRODUCT - BROAD SPECIFICATIONS

Weight (gsm)	Width (cm)	Length/Roll (m)	Roll Dia (cm)	Weight/Roll (kg)	Core Dia (mm)	Colours	Treatment
15-150	10-320	500-7500	25-100	10-500	76 & 101.5	Wide Choice	Hydrophilic U.V. Stabilised Antistatic/Anti Skid Flame Retardent

TYPICAL AVERAGE PROPERTIES

WEIGHT GSM	TENSILE STRENGTH N/5cm		ELONGATION %		TENSILE STRENGTH lbs		ELONGATION %	
	EDANA 20.2 - 89		EDANA 20.2 - 89		ASTM D 5035 - 95		ASTM D 5035 - 95	
	MD	CD	MD	CD	MD	CD	MD	CD
40.3 - 90								
15	34	16	70 - 120		7.6	3.6	70 - 120	
16	36	17	70 - 120		8.0	3.8	70 - 120	
17	38	19	70 - 120		8.5	4.3	70 - 120	
18	40	20	70 - 120		8.9	4.5	70 - 120	
20	44	22	70 - 120		9.8	5.0	70 - 120	
25	52	26	90 - 140		11.7	5.9	90 - 140	
30	64	33	90 - 140		14.4	7.4	90 - 140	
40	85	48	90 - 140		19.1	10.8	90 - 140	
50	115	62	90 - 160		25.9	14.0	90 - 160	
60	140	78	90 - 160		31.5	17.5	90 - 160	
70	159	92	90 - 160		35.7	20.7	90 - 160	
80	177	105	90 - 160		39.8	23.6	90 - 160	
90	185	116	90 - 160		41.6	26.1	90 - 160	
100	198	131	90 - 160		44.5	29.5	90 - 160	
110	210	139	90 - 160		47.2	31.3	90 - 160	
120	218	145	90 - 160		49.0	32.6	90 - 160	
130	224	149	90 - 160		50.3	33.5	90 - 160	
140	228	151	90 - 160		51.3	34.0	90 - 160	
150	232	153	90 - 160		52.2	34.4	90 - 160	

Subject to conditions and revisions.

GENERAL

Light weight and uniform

Soft but strong

Economical

Excellent Hydrophilic properties

Non toxic & Non irritating

UV resistant & controls insects

Creates microclimate for plant growth

Easy to cut, stitch and heat seal

Can be printed, dyed and laminated

Fiberweb is an ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 Certified Company.

Comprehensive quality management systems have been laid down in all functional areas like marketing, materials management, production, maintenance, quality assurance and customer services to fully satisfy the customer.

Strike Through 3.0 sec for hydrophilic products 15 to 25 gsm

Data and samples are representative, enquiries are welcome for specific requirements.

Data for information only, fiberweb does not warranty the use and reserves the right to continuously update the data.

Average properties are targeted during manufacturing subject to conditions and are average values across the full width.



Fiberweb (India) Ltd. is the pioneer in Spunbond Nonwoven Fabrics manufacturing with reputed German Machinery

Personal Hygiene Products

- # Baby Diapers
- # Adult Diapers
- # Sanitary Napkins

Features & Benefits

- # Soft, Uniform and Strong
- # Economical



Agricultural Crop Cover

- # Crop Cover
- # Soil Cover

Features & Benefits

- # Protect against UV Radiation, wind and insects and Hail storm
- # Increases farm production
- # Economical



Textile / Industrial Applications

- # Protective Garments in Hospitals & Industries
- # Lining/Backing / Interlining in Upholstery luggage & Garments
- # Bed sheets, Curtains and pillow/Head covers
- # Air & liquid filters

Features & Benefits

- # Easy to cut, stitch and heat seal
- # Easy to print, dye and laminate
- # Economical



Fiberweb has a separate division for manufacturing stitched garments like medical and industrial gowns & overhauls, Aprons, Bed covers, Pillow covers and Bags etc as per customer's specifications and requirements.



Fiberweb (India) Limited

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Manufacturers of PP Meltblown Nonwoven Fabrics & Products



FIBERWEB (INDIA) LTD

MELT BLOWN MACHINE (J&M ,ACCUWEB), ITALIAN TECHNOLOGY)

Site Location:

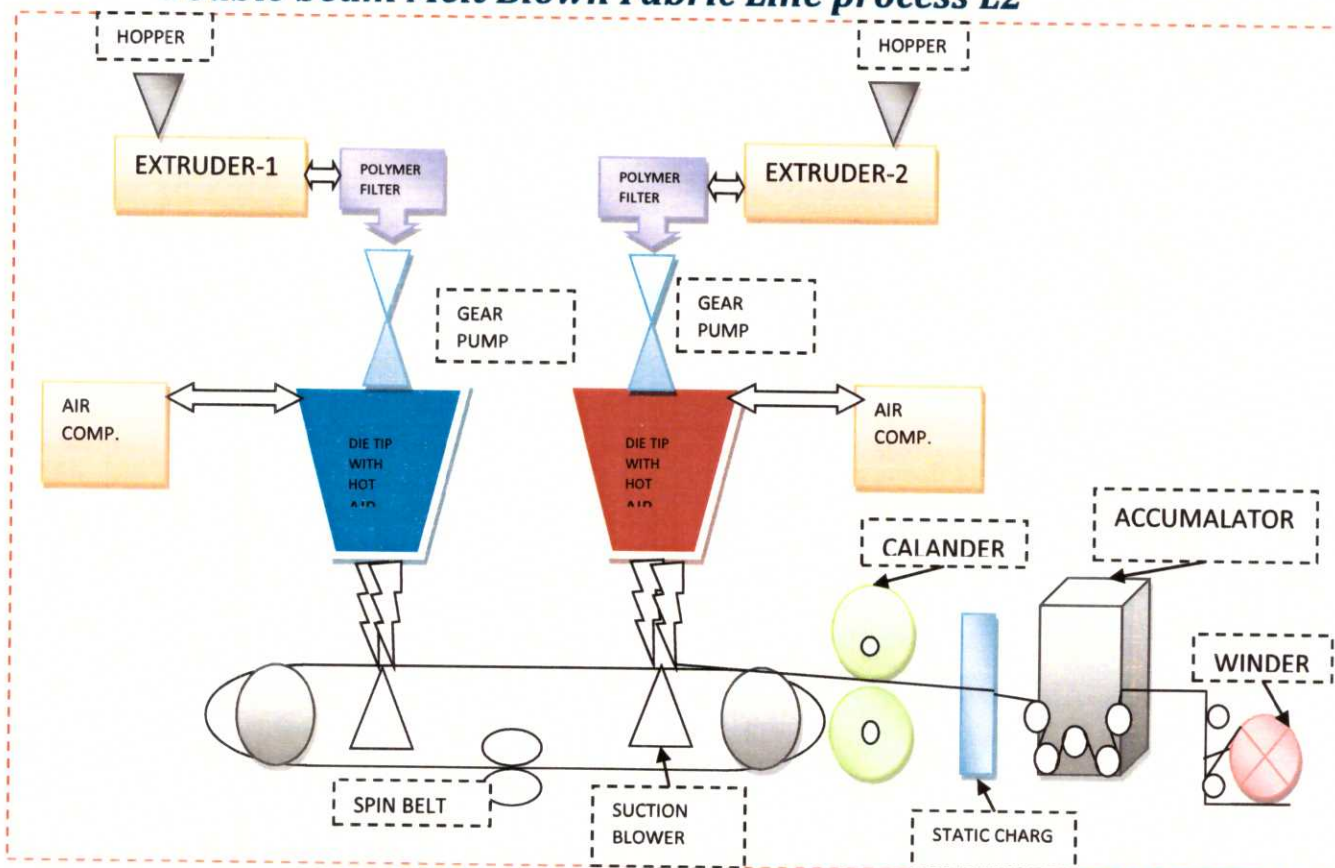
S.NO.92-93B, KADAIYA, NEAR DALWADA ELE.SUB STATION, NANI DAMAN,(U.T) 396210
(INDIA)

fiberweb@vsnl.net Ph: 0091 (22) -2404 4855/2408 2689, fax: 0091(22)- 2404 4853

.Description:

Components for: 2.2 Meters Wide, nominal speed up to 70 m/min, 2 Beam, Melt Blown process Technology, up to 400 kg/hr nominal throughput rate capacity.

Double beam Melt Blown Fabric Line process L2



The meltblown process:

The meltblown process “directly transforms polymer resins to a nonwoven fabric in a single, integrated process.” The process was originally developed by the Naval Research Laboratories and commercialized by Exxon Chemical.

The final meltblown fabric properties are determined by the polymer resin, conditions in the extruder, ambient air conditions, the bonding method and the finishing treatment, among other process parameters.

The output of the meltblown process is a microfiber with diameters ranging from as little as 0.1 micron to as large as 15 microns.

The melt blown process produces a fine fiber, small pore size, nonwoven web directly from polymer chips. The web is formed entirely of a given polymer without the need of added binders, finishes or thermal bonding of the fibers. A variety of additives can be put in with the polymer to affect the end properties of the web: similar to any other extrusion based process. The web can undergo further processing such as calendering to produce finer pore sizes.

Fiberweb (India) has a Two beam Melt Blown Fabric Production line. The maximum width that can be produced is 2.2 meters. The nominal line speed is up to 70 m/min, which can give up to 400 kg/hr throughput.

A Brief overview is given below to understand the Meltblown process in easy way:

Medical fabrics:

The largest segments of the medical market for meltblown nonwoven fabrics are disposable gowns, drapes and sterilization wraps.



Surgical Gown

Meltblown Nonwoven Fabrics: Why Meltblown Applications Will Increase

Meltblown nonwoven fabrics are still in the early growth stage. They are already becoming more and more popular in the medical and filter industries due to the meltblown ability to produce microfibers.

There are many applications where Meltblown are using presently and research is going on for many more application.

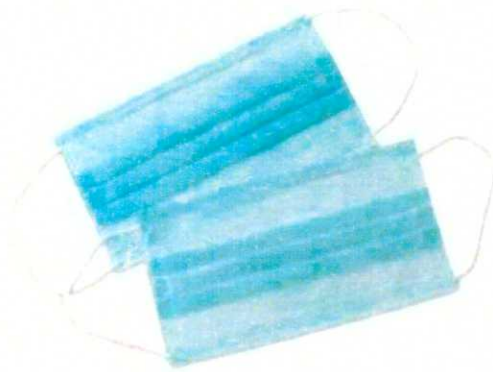
What are the primary applications to consider for meltblown products?

Filtration:

Meltblown applications include surgical face masks, liquid filtration, gas filtration, cartridge filters, clean room filters and more.



Cartridge filter



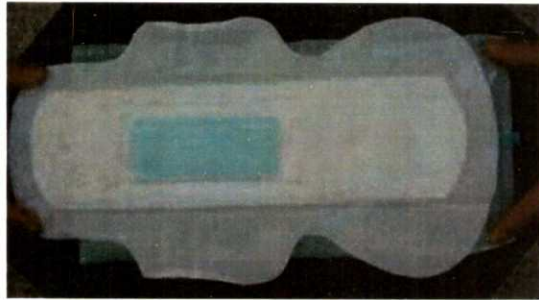
Surgical Face Mask

Sanitary products:

Meltblown fabrics are used frequently in feminine sanitary napkins, diaper top sheets and disposable adult incontinence products.



Baby Diapers

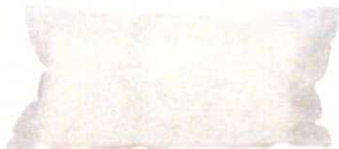


Sanitary Napkin

Absorbents: This is the single largest market currently for meltblown fabrics.

(A) Pillows:

Used to absorb large amounts of fluids where a pad just not enough. Also good to use in tight, hard-to reach areas. Use oil-only pillow on both land and water, in coolant tanks and sumps wells.



Oil absorbing Pillow

(B) Spill Kits :

Different varieties of Meltblown fabrics can be used from 20 Gallons Spill kit to 95 Gallons Spill kit.

The Meltblown fabric can also be used in Acid Spill Kit.



Spill Kit

(C) Floor Drying:

Meltblown fabric can be used as floor dry media. A 20 lb bag of fabric will absorb more than a double lb i.e. 40 lb bag of clay. The Meltblown fabric can be used in all-purpose absorbent to absorb most liquids.



Floor drying products

(D) Bonded Meltblown Pads & Rolls (SM):

Our bonded SM sorbent are constructed with 2 plies of Polypropylene i.e. Spunbond/Meltblown. These pads and rolls are universally used to absorb oil, water and water-based chemicals.

Our pads can be also be made available as per required customised printed design.

These pads and rolls are the best of both worlds - the lint-free top sheet side can be used to clean and wipe tanks, tools, walls, etc., and you can use the meltblown side for quick absorbent of fluids.



UNIVERSAL ABSORBENT MELT BLOWN PADS AND ROLLS

(E) Track Mat:

This product can be used to prevent ground contamination during railroad maintenance.

This product is combination of Heavy-duty Spunbond top layer that adds strength and durability for long-term deployment in almost any weather conditions. Middle layer is of high absorbent Meltblown fabric, and bottom layer is high micron laminated coverstock which works as a barrier against any kind of oil to reach to the ground.



Track Mat



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