

From The Chairman's Desk

Over the span of more than four decades of pioneering the manufacture of Paper Machine Clothing in India, we have developed a host of new products to serve the wide spectrum of applications in Paper, Board and Newsprint industries. This has been possible because of our focus on product development based on the understanding of our end-users' specific needs. Today we have a large customer base ranging within a wide segment of paper quality from Recycled fibre to virgin pulp and from ordinary writing & printing grades to specialities, boards and newsprint.

Our main focus is on consistent quality and to achieve the same we have incorporated the latest equipments from world renowned suppliers. Our quality philosophy is reflected in every stage from selection of raw materials to the most modern manufacturing facilities and always embraces the skills and competencies of employees and managers.

We mainly believe and focus on the area of supplier-customer partnership to deliver superior solutions to improve their competitive advantage in today's ever-changing world. We have a dedicated team of service personnel to reach out to customers across the industry spectrum.

Customers are at the core of our business and we hear their voices.



Upendra M. Patel

Dinesh Felts, a facet of the Dinesh Group which has varied interest in Consumer Textiles, Industrial Textiles and Geo-Fabrics, is the pioneer manufacturer and supplier of Paper Maker's felts in India that began its journey way back in the year 1964. Since then, the company has grown from strength to strength to become a dominant player within the entire subcontinent enjoying a market share in excess of 40%. In tune with the fast changing demands of the industry, we have kept ourselves abreast of the latest technology by constant innovation and improvements which has enabled us to roll out the best products meeting the fullest satisfaction of our clients.

Our Philosophy

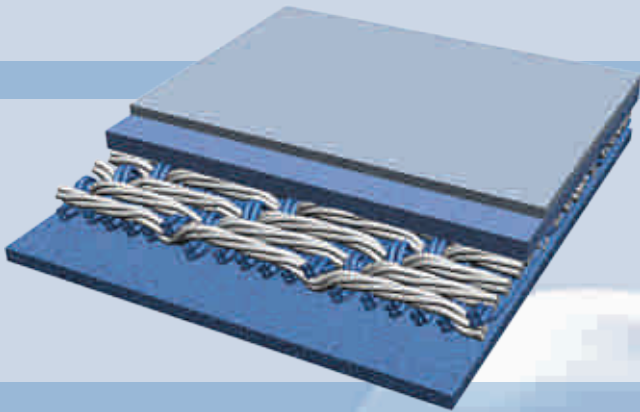
We at Dinesh believe in sustainable and long-term solutions for our clients. We feel that one of the most defining characteristic of a strong business is the existence of a symbiotic relationship between customers and suppliers cemented by the best quality product.

Our Vision

To become a significant player in the global Machine Clothing Industry and to earn our clients' trust through continuous improvement driven by the integrity, teamwork, and innovation.

Today the machine clothing manufactured at our most modern production facility using the state of the art technologies are capable of meeting the ever changing demands of the latest, faster and wider paper machines.

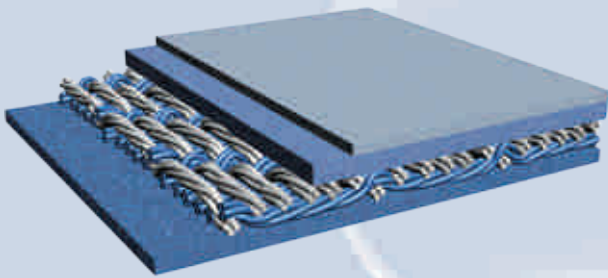
DINFLO



Press Fabric

DINFLO from dinesh are 100% synthetic Batt-On-Mesh category of felts in Single Layer base construction.

DINFLO which are basically single layer felts, are most suited to long board pickup positions, low and medium speed cultural grade machines with moderate press load with plain presses and on MG positions.



Main Features and Advantages

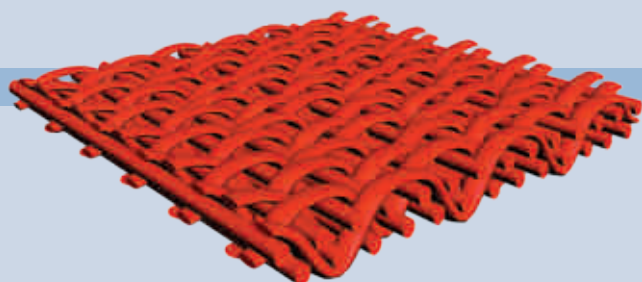
- ✓ Good water handling.
- ✓ Good sheet finish.
- ✓ Longer effective life.
- ✓ Less clogging tendency.
- ✓ Gives fairly uniform pressure distribution.
- ✓ Treated for wear and compaction resistance.
- ✓ Dewater in the ingoing side of nip.
- ✓ Easy installation.
- ✓ Good dimensional stability.

Technical Specifications

Weave	:	Single Layer
Permeability	:	60 - 135 CFM
GSM	:	850 - 1200
Caliper	:	2.2 - 3.0 mm
Material	:	Nylon (Plied Monofilament)



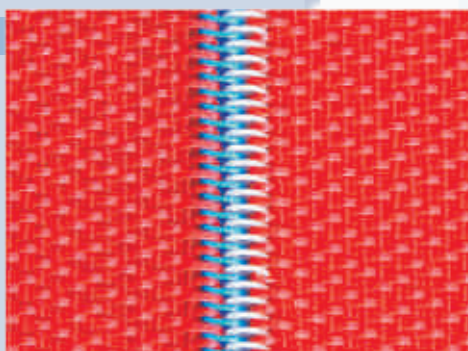
HI-CONTACT MONO



Dryer Fabric

HI-CONTACT MONO SCREEN was developed by dinesh for achieving the maximum heat transfer and rate of evaporation, and thus minimize the drying costs.

HI-CONTACT MONO SCREEN ensures improved fabric stability at high speeds, premium wear resistance, which result in a trouble-free running through out the effective fabric life.



Main Features and Advantages

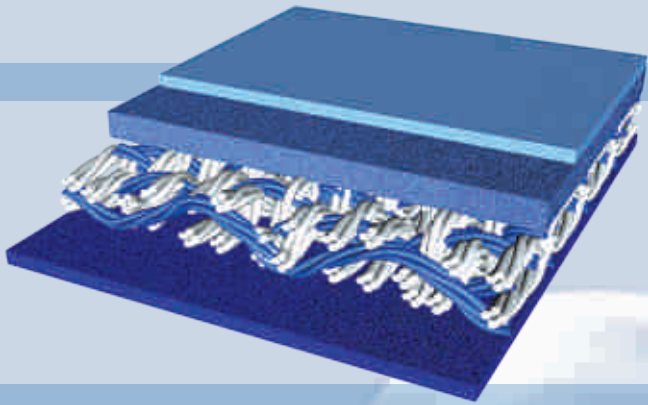
- ✓ Employs FLAT filaments in MD.
- ✓ Improved life due to less wearing out.
- ✓ Improved guiding response.
- ✓ All mono-filaments used in manufacturing.
- ✓ Smooth paper surface.
- ✓ Higher contact area.
- ✓ Easy to seam on machine.
- ✓ No marking on paper.
- ✓ Hydrolysis resistant.
- ✓ ZIPMATIC seaming arrangement.
- ✓ Less susceptible to soiling and hence maintains fairly constant permeability throughout life.

Technical Specifications

Weave	:	1.5 / 2 Layers
Permeability	:	200 - 550 CFM
GSM	:	1150 - 1350
Caliper	:	1.65 - 2.2 mm
Material	:	Polyester
Seam	:	In line (Pin-spiral)
Applications	:	Silent Drive, Top/Bottom Positions of all machines.



DINVENT

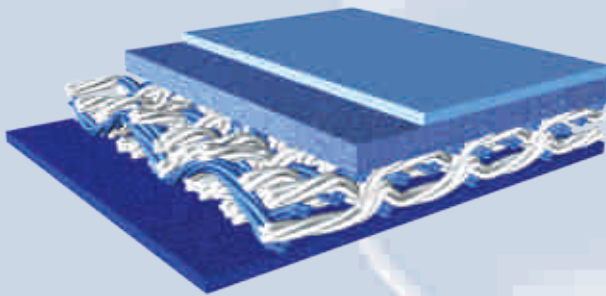


Press Fabric

DINVENT from dinesh are 100% synthetic Batt-On-Mesh category of felts in Double Layer base construction.

DINVENT which are basically double layer felts, are most suited to suction pickup, top and bottom positions of double felted press, BD presses of medium to higher press load and on MG positions.

Main Features and Advantages



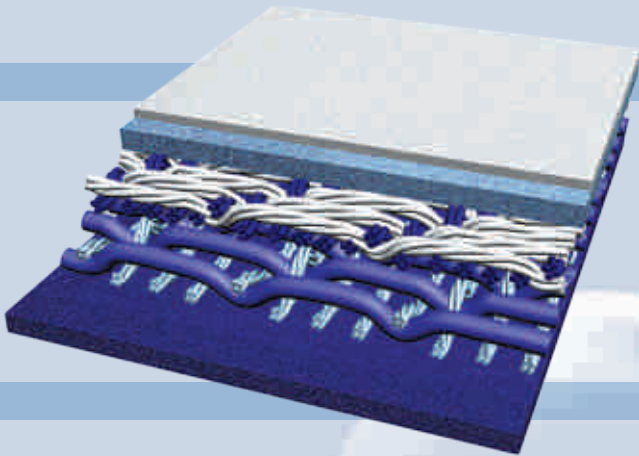
- ✓ Good water handling.
- ✓ Good sheet finish.
- ✓ Longer effective life.
- ✓ Good resiliency and compaction resistance.
- ✓ Uniform pressure distribution.
- ✓ Treated for wear and compaction resistance.
- ✓ Good profile leveling characteristic.
- ✓ Easy installation and quick start-up.
- ✓ High dimensional stability.

Technical Specifications

Weave	:	Double Layer
Permeability	:	50 - 120 CFM
GSM	:	1150 - 1500
Caliper	:	2.9 - 3.8 mm
Material	:	Nylon (Plied Monofilament)



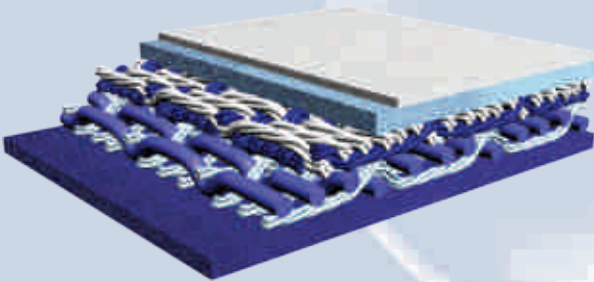
DINPLY



Press Fabric

DINPLY from dinesh are 100% synthetic Batt-On-Mesh category of felts in two, three & four layer base construction employing Twin-Base Laminated Technology

DINPLY which are basically multi layer felts are most suited to suction pickup, top and bottom positions of double felted heavily loaded press, BD and Venta-Nip presses of Bi-Nip and Tri-nip presses.



Main Features and Advantages

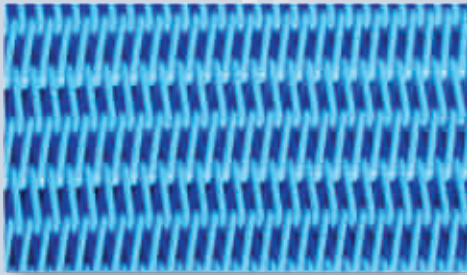
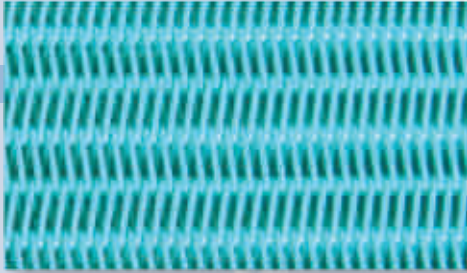
- ✓ Excellent profile leveling characteristic.
- ✓ Good sheet finish.
- ✓ Longer effective life.
- ✓ High resiliency and compaction resistance.
- ✓ Uniform pressure distribution at nip.
- ✓ Treated for wear and compaction resistance.
- ✓ Easy installation and quick start up.
- ✓ No shadow marking.
- ✓ No press vibrations.
- ✓ High degree of stability.

Technical Specifications

Weave	:	Multi-Layer Laminated
Permeability	:	60 - 110 CFM
GSM	:	1300 - 1800
Caliper	:	3.2 - 4.2 mm
Material	:	Nylon (Plied Monofilament)



SPIRAL DRYER FABRICS



Dryer Fabric

SPIRAL DRYER FABRICS comprises a plurality of rows of monofilament helical coils interconnected by hinge wires so as to form a continuous dryer fabric.

SPIRAL DRYER FABRICS ensures improved fabric stability at high speeds, premium wear resistance, which result in a trouble-free running through out the effective fabric life.

Main Features and Advantages

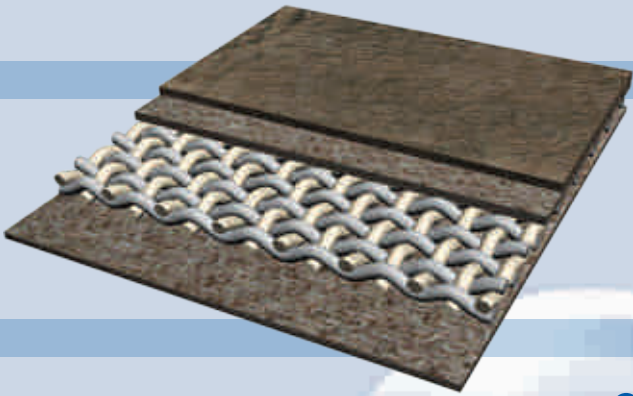
- ✓ Easy installation and seaming.
- ✓ Uniform fabric tension.
- ✓ Higher contact area.
- ✓ No wearing and seam marking.
- ✓ No marking on paper.
- ✓ Low contamination tendency.
- ✓ Uniform air permeability across width.
- ✓ Very good service life.
- ✓ Repairable at customers end since it does not have fixed seam.

Technical Specifications

Permeability	:	350 - 1000 CFM
GSM	:	1250 - 1400
Caliper	:	2.2 mm
Material	:	Polyester
Applications	:	For all positions except unrun.



DINASORB - SHEET FELT



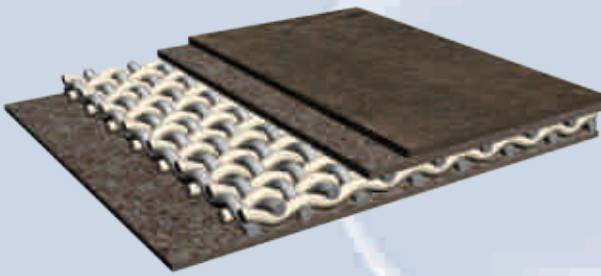
Fibre Cement Felts

DINASORB from dinesh are 100% synthetic needled felts for Fibre Cement sheet machines.

DINASORB which are basically single layer felts, designed for machines making fibre cement sheets.

Main Features and Advantages

- ✓ Good water handling.
- ✓ Optimum sheet finish.
- ✓ Coarse yarns for base weave and coarser and medium fibres for batt needling to minimize clogging due to contamination and compaction.
- ✓ Can withstand the significantly varying tension over the felt length. The tension sometimes varying between 2.5KN/cm after the forming drum to 70 KN/cm over the film drying boxes & before the forming drum.
- ✓ High tenacity and resilience.
- ✓ Good dimensional stability.

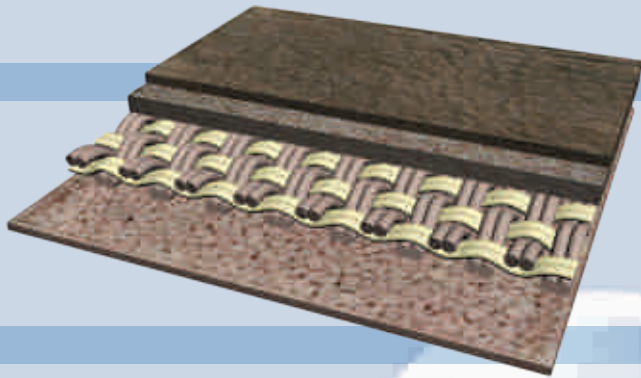


Technical Specifications

Weave	:	Single Layer
Permeability	:	60 - 75 CFM
GSM	:	1450 - 1800
Caliper	:	3.80 - 4.3mm
Material	:	Nylon



DINASORB - PIPE FELT



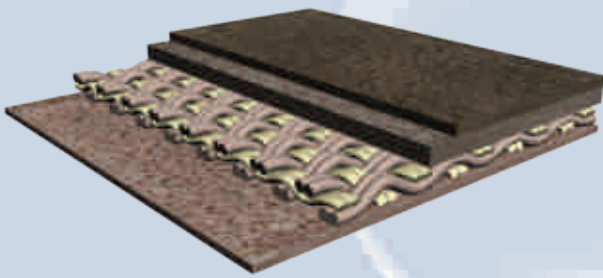
Asbestos Pipe Machine Felts

DINASORB from dinesh are 100% synthetic needled felts for Asbestos Pipe Machine felts.

DINASORB which are basically single layer felts, designed for machines making asbestos pressure pipes of varying diameters.

Main Features and Advantages

- ✓ Good water handling.
- ✓ Coarse yarns for base weave and coarser fibers for batt needling to minimize clogging due to contamination and compaction.
- ✓ Can withstand the significantly varying tension over the felt length. The tension sometimes varying between 2.5KN/cm after the forming roll to 70 KN/cm before the forming roll.
- ✓ High tenacity and resilience.
- ✓ Good dimensional stability.

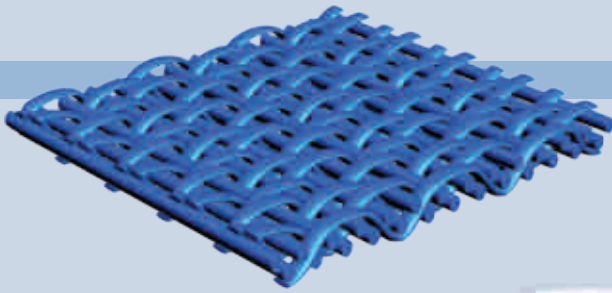


Technical Specifications

Weave	:	Single Layer
Permeability	:	60 - 75 CFM
GSM	:	1550 - 2000
Caliper	:	3.00 - 3.50 mm
Material	:	Nylon



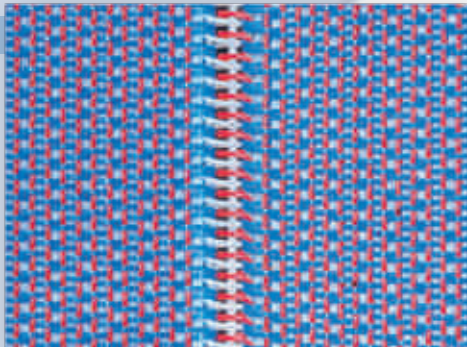
HI-CONTACT MONO



Uni Screens

UNI SCREENS form a very important variant of our Hi-Contact Mono group of dryer fabrics.

These screens ensure improved fabric stability at high speeds, premium wear resistance, which result in a trouble-free running through out the effective fabric life.



Main Features and Advantages

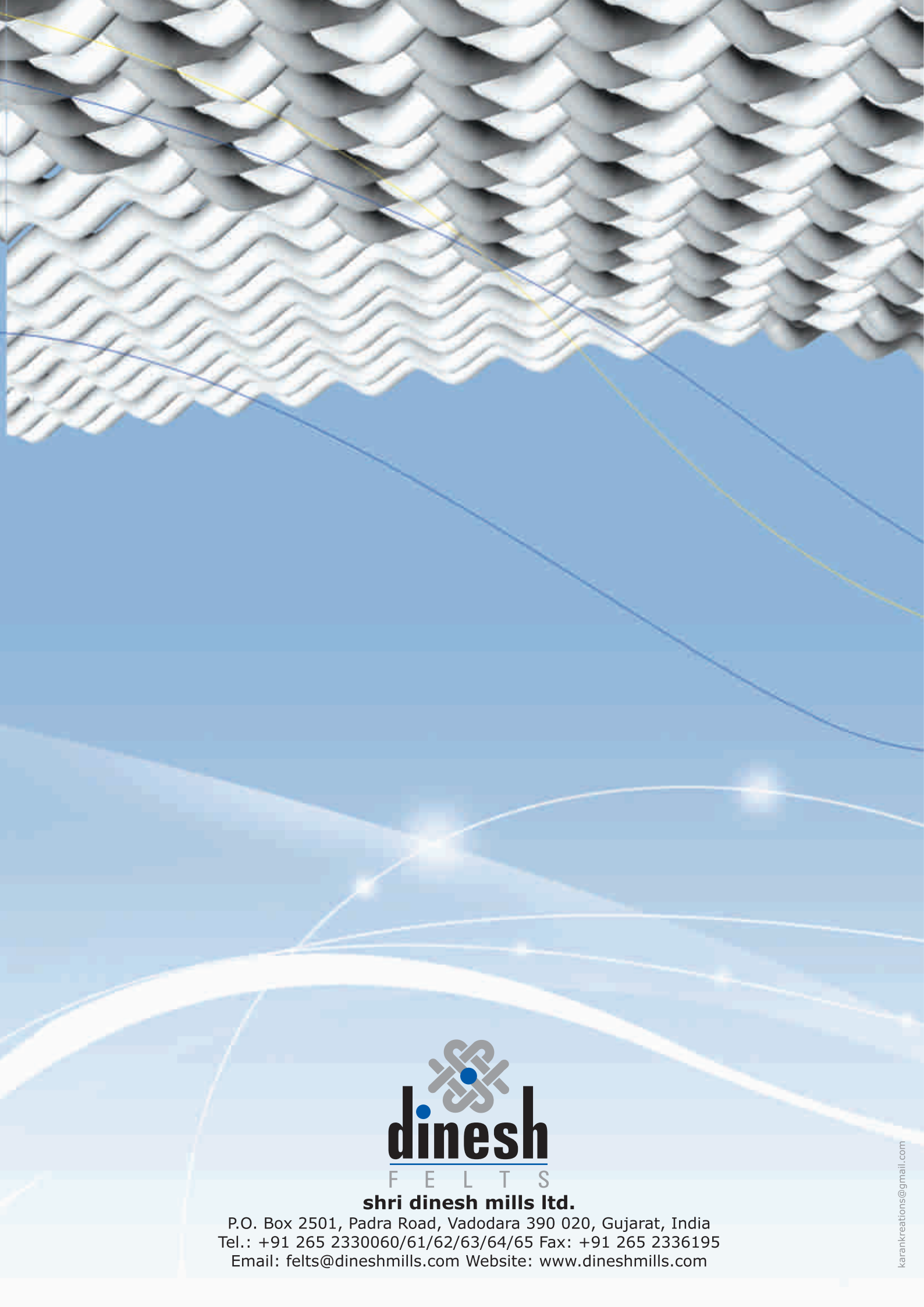
- ✓ Employs FLAT filaments in MD.
- ✓ Less wearing out and longer life.
- ✓ Improved guiding response.
- ✓ All mono-filaments used in manufacture.
- ✓ Highly smooth paper surface.
- ✓ Higher contact area.
- ✓ Easy to seam on machine.
- ✓ No marking on paper even on seam area.
- ✓ Hydrolysis resistant.
- ✓ ZIPMATIC seaming arrangement.
- ✓ Less susceptible to soiling and hence maintains fairly constant permeability throughout life.
- ✓ Low caliper most suited for uniron groups.

Technical Specifications

Weave	:	1.5 Layer
Permeability	:	60 - 150 CFM
GSM	:	1050 - 1180
Caliper	:	1.25 - 1.65 mm
Material	:	Polyester
Seam	:	In line (Pin-spiral)
Applications	:	Uniron



Endless Opportunities



shri dinesh mills ltd.

P.O. Box 2501, Padra Road, Vadodara 390 020, Gujarat, India
Tel.: +91 265 2330060/61/62/63/64/65 Fax: +91 265 2336195
Email: felts@dineshmills.com Website: www.dineshmills.com