



GINNINEO™



 **GINNI Filtration**

www.ginnifilaments.com

An ISO 9001-2008 & ISO 14001-2004 Company

WHO WE ARE

Ginni Filaments limited, is a leading conglomerate with 27 years of experience in the field of Yarn, Fabric, Nonwoven, Garments & Wet wipes. The group has attained a turn over of 800 Cr. under the dynamic leadership of Chairman Mr. Shishir Jaipuria. He is also the Chairman of Textiles & Technical Textiles Committee - FICCI, the Director of Seth Anandram Jaipuria education trust.

Since inception Ginni Filaments has always realized the pulse of the market, welcomed the change, re-invented itself for the challenges within a dynamic Textile market. The group is committed to **Excellence, Innovation, Environment Friendly & Technology Driven manufacturing.**

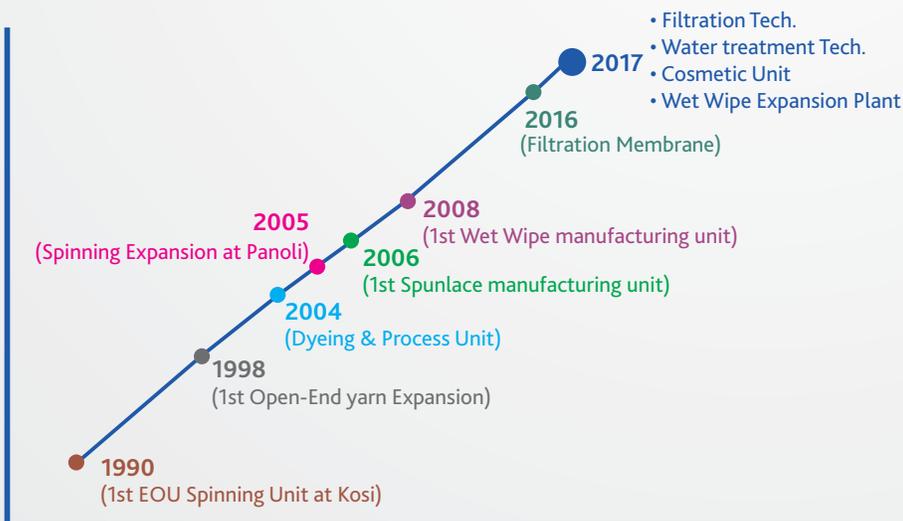
Ginni has well poised itself as India's leading manufacturer of Nonwoven. We have successfully integrated diverse Technical Textile processes & products.

Ginni Filtration, yet another venture of Ginni Filaments Limited, is committed to deliver the world class products. Understanding the latent need of purification, the group has diversified into the filtration segment with an objective to innovate, research, formulate ideally customize product as per the need of Indian water treatment industry with the focus to minimize wastage of water in the name of filtration.

WHAT WE DO

The group is known as a trusted manufacturing group, for its commitment to customers, stakeholders, employees & vendors. We serve our customers with consistency in quality and maintain higher quality standards at our four state of the art technology enabled manufacturing plants located at Haridwar (Uttarakhand), Mathura (Uttarpradesh), Panoli (Gujarat) & Noida (Uttarpradesh)

DIVERSIFICATION & EXPANSION PHILOSOPHY



Corporate Office, Noida



Panoli - Spun lace Unit



Haridwar - Wet Wipe Unit

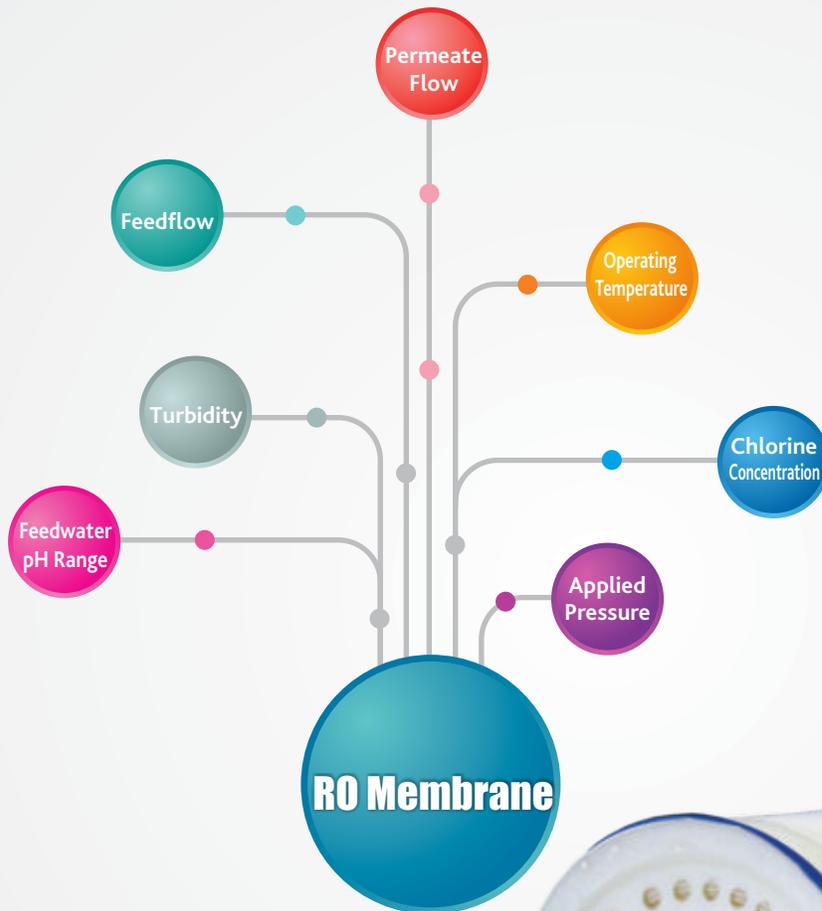


Kosi - Spinning & Fabric Unit

REVERSE OSMOSIS MEMBRANE

Ginni Neo RO Membranes is world's finest product coupled with advanced membrane technology that yields product of the highest quality, stable performance, uniquely engineered to have a high level of salt rejection. Ginni Neo Membranes have higher design flux, high chemical and mechanical resistance, high fouling resistance, high resistance to organic contamination, higher mills spacer & long service life.

Our membranes have higher TDS rejection properties and removes, high molecular-weight substances, colloidal materials & organic and inorganic polymeric molecules.



Available Model :

- BW4040 • BW4040LP
- BW8040 • BW8040LP

STANDARD APPLICATIONS

- Water Treatment • Water Recycling • Zero Liquid Discharge • Sea Water desalination and other various applications

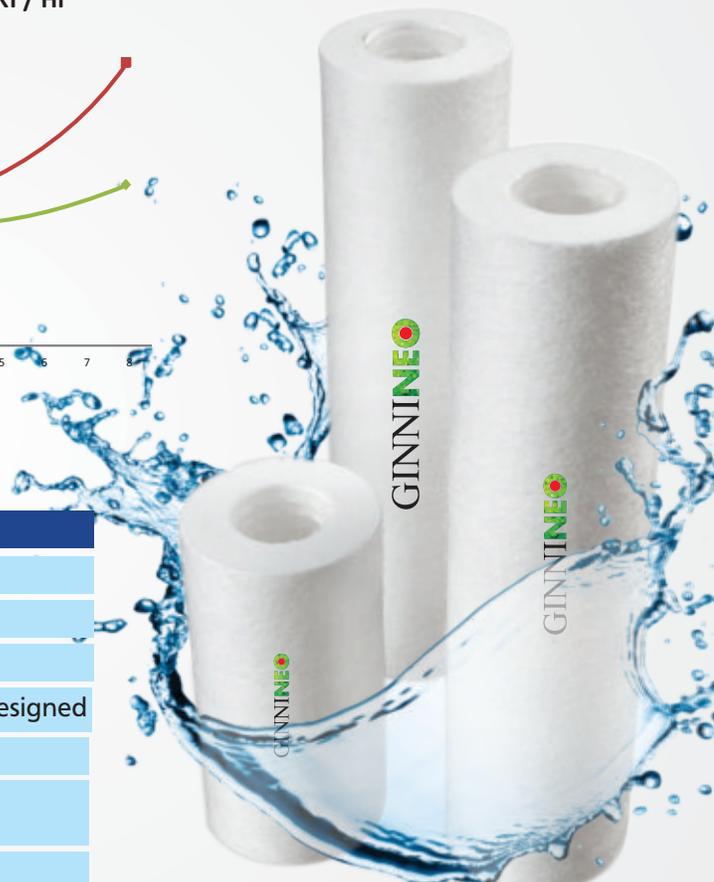
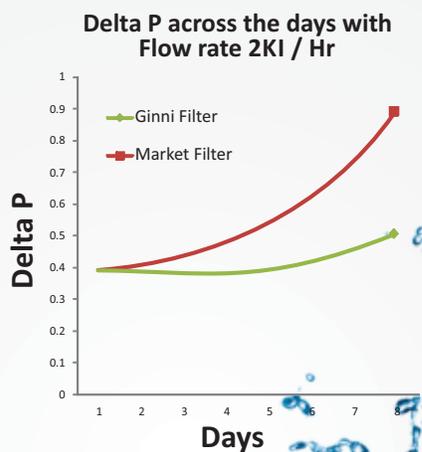
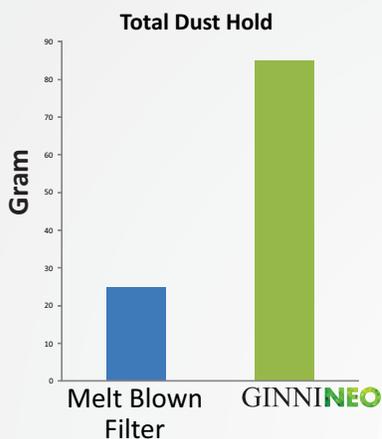
DEPTH CARTRIDGE FILTER

Ginni Neo Depth Filter, India's first customized dual filter, it has capacity to de-contaminate both Water & Oil with High efficiency and retention capacity.

Made in India from world class standard of Spunlace. Developed in the state of the art plant, equipped with the converting facility to deliver as per the customized need.

Unique PET Media filter withstands temperature above 100° c makes it ideal for water treatment industry, Pharma industry, Cosmetic Industry & Bio- technology industry.

- Maximum Dirt Holding Capacity
- Broad Compatibility
- Micron Rating 5 µm
- Zero Liquid Discharge



MOC, Dimensions & Operating limits

| | |
|-----------------------|---|
| Media | Polyester |
| Core | With or without PBT Core |
| Length | 10", 20", 30", 40", 50", 60" |
| Nominal OD | From 63 mm to 150 mm |
| Nominal ID | Standard 27 mm and higher ID can be designed |
| Maximum ΔP | 2 bar at room temperature |
| Maximum Temperature | 90 °C Operating temperature |
| Max water flow rate | 1000 Liter per hour per 10" length and 2.5" OD* |
| Nominal Micron Rating | 2µm, 5µm & 10µm |

Available Sizes :

- 10"X4.25" • 10"X2.5" • 20"X4.25" • 20"X2.5"



STANDARD APPLICATIONS

- Water Treatment • Water Recycling • Zero Liquid Discharge • Pre-R.O. • Paint • Perfumes
- Cutting Oils • CMP Slurries • Magnetic Slurries • Corn Syrup • Plating solution

ULTRA FILTRATION MEMBRANE

Ginni Neo UF Membrane is hollow fiber, inside-out based technology, capable of removing higher suspended solids, colloidal materials, and organic & inorganic polymeric molecules. It is used for water & TSS separation process with pore sizes in the range of 0.01 to 0.001 micron.

Higher design flux

High fouling resistance

Wide range of MWCO

High chemical & mechanical resistance

High hydrophilicity excellent cleanability

High chlorine tolerance design

Long service life, low pressure



GINNINEO UF MEMBRANE TECHNICAL DATASHEET

| Description/Model | GinniNEO 1060(PAN) | GinniNEO 8060(PVDF) | GinniNEO 8060(PAN) |
|-------------------------------|----------------------|----------------------|----------------------|
| Design Flux (L/M2/H) | 40-120 | 40-120 | 40-120 |
| Permeate Silt Density (SDI) | <3 | <3 | <3 |
| Permeate Turbidity (NTU) | <1 | <1 | <1 |
| Virus Removal (Log) | <4 | <4 | <4 |
| Filtration Type | Dead end/ Cross Flow | Dead end/ Cross Flow | Dead end/ Cross Flow |
| Membrane Material | PAN | PVDF | PAN |
| Membrane Type | Inside out | Inside out | Inside out |
| Membrane Housing | PVC, Epoxy potting | PVC, Epoxy potting | PVC, Epoxy potting |
| MW Cutoff (Dalton) | 100000 | 100000 | 100000 |
| Fibre Inner-outer dia (mm) | 1.0/1.6 | 1.0/1.6 | 1.0/1.6 |
| Membrane surface area (m2) | 50 | 40 | 40 |
| Max. Inflow Pressure (Bar) | 3 | 3 | 3 |
| Maximum TMP (Bar) | 2 | 2 | 2 |
| Max. Operating Temp. (*C) | 40 | 40 | 40 |
| Maximum pH range | 2-12 | 2-12 | 2-12 |
| Max Backwash Pressure (Bar) | 2 | 2 | 2 |
| Backwash design Flux (L/M2/H) | 100-200 | 100-200 | 100-200 |



Manufactured and Marketed by:



Ginni Filaments Ltd., 205-207, Panoli GIDC,
Ankleshwar, Gujarat – 394116, India.

A Unit of Ginni Filaments Ltd., D-196, Sector-63, Noida-201307.

Contact no.: 0120 4058400

Email: ginnineo@ginnifilaments.com, filtersales@ginnifilaments.com

Website : www.ginnifilaments.com

Dealer & Distributor