



SIDDHI FILTER MEDIATM
FILTRATION EXPERT

Commitment in **Environmental** Control



**JEWELRY & REFINING
MASTER CATALOGUE**

THE COMPANY PROFILE



Incorporated in India, established in 2006 by Mr.JH Sharma with a vision to provide total filtration solutions and a motive for environmental sustainability . **Siddhi Filter Media** is the fastest growing organisation in the business of liquid, gas, solid and air filtration. Our Company is managed by innovative and visionary technocrats having massive experience in the area of filtration.

By understanding the industrial need of filtrations our team works very efficiently on research and development for innovation of new products and technology. The Company's manufacturing units are well equipped with modern machineries and expertly trained employees. Our products are checked stringently by our team of auditors for quality assurance and customer satisfaction.

OUR VALUES



Safety



Innovation



Perseverance



Ethics

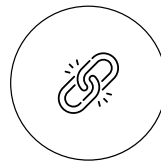
Industry-Recognized Certifications



WHY CHOOSE US ?



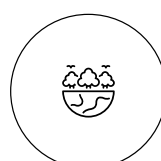
Quality assurance



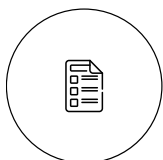
Durability promised



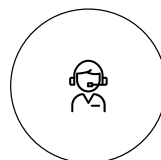
Modern machinery



Environmental policies



Tested products
with reports



Perfect technical
assistance

OFFICE

Head Office

215, Onkar Hiranandani Industrial Estate, Kanjurmarg (W), Mumbai-400078, Maharashtra, India.

Branch Office

1st Floor, Himuda Complex, opp. State Drug Controller Office, Phase 1, Baddi, Himachal Pradesh 173205, India.

FACTORY

Unit 1

121, Onkar Hiranandani Industrial Estate, Kanjurmarg (W), Mumbai-400078, Maharashtra, India.

Unit 2

J7, Phase 2, Bhumi World - Industrial Park Baddi, Mumbai - Nashik Expy, Pimpas, Amare, Bhiwandi, Maharashtra 421302, India.



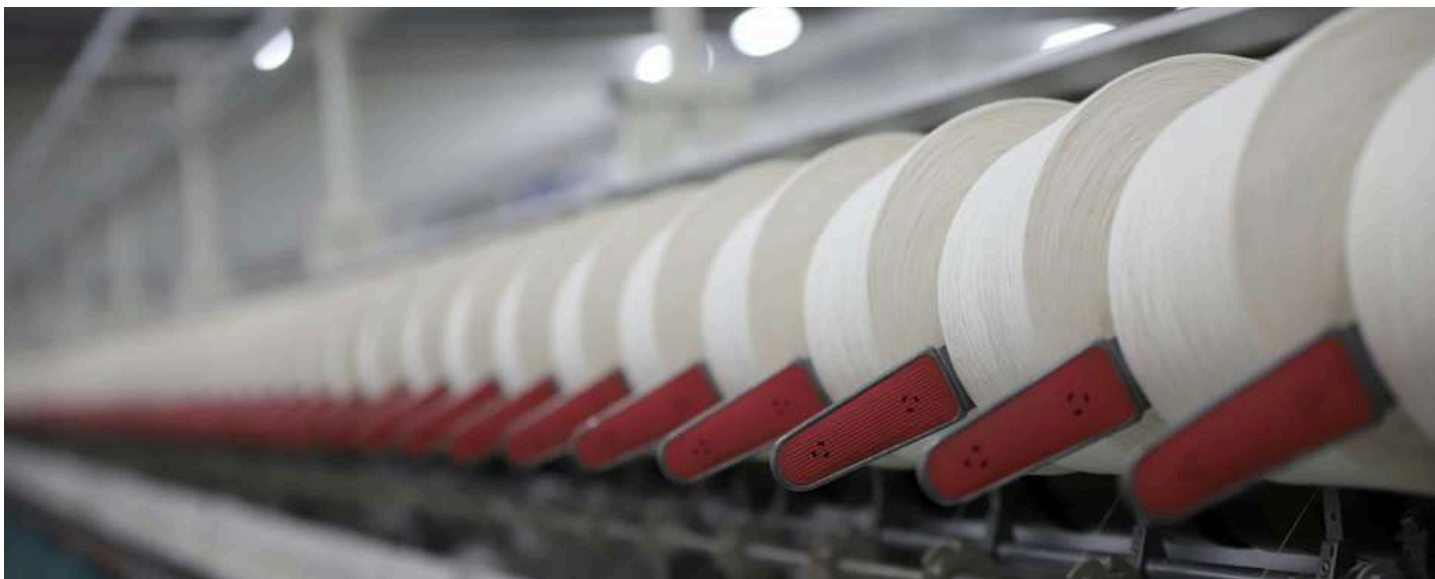
Proficient Team

- Skilled experts providing exceptional technical assistance.
- Craftsmanship focused on delivering optimum quality.
- Best-in-class after-sales service for your peace of mind.
- Teamwork-driven approach for seamless solutions.



STATE-OF-ART MACHINERY

- Precision cutting systems for intricate fabric and metal designs.
- Computerized embroidery and stitching machines for flawless detailing and customization.
- Advanced metal forming technologies for rapid prototyping and complex shapes.



UNDERSTANDING FILTRATION DYNAMICS

Filtration involves the removal of suspended solids from a fluid as it passes through a filter media, resulting in a clear fluid known as the filtrate, while the solid residue remains on the filter paper. The primary aim is to enhance material utility by eliminating solids from the fluid. The significance of either the filtrate or the solids varies depending on the context.

A study revealed that in nearly every industry, the majority of component replacements or loss of usefulness is attributed to surface degradation. Particles produced through abrasive wear undergo work hardening, rendering them harder than the parent surface. Without proper filtration to remove these particles, they recirculate, causing further damage. This cycle of wear and tear persists, leading to premature system component failure unless high-performance filtration intervenes to disrupt the chain.

WHAT TANGIBLE BENEFITS DOES A FILTRATION SYSTEM OFFER?

- Reduced operating costs.
- Extended service life of machinery.
- Prevention of pipeline and fittings clogging.
- Maintenance of high-quality surfaces on machine parts.
- Preservation of tolerances on machine parts.
- Lower reject rates.
- Enhanced operator health, as clean coolant is less harmful to the skin.
- Reduced machine downtime due to cleaner conditions.



DELIVERING FILTRATION SOLUTIONS FOR FOLLOWING INDUSTRIES



Mining and Mineral



Pharmaceutical



Food & Beverages



Chemicals



Cosmetic



Oil & Gas



Energy



Cement



Water Treatment



Paints & Dyes



Waste Management



Geo-Textiles



Construction



Automotive



Marine Systems



Smelting Plant



Air Ventilation Systems



Vacuum Systems



Pulp and Paper



Textiles



Plastics and Polymers

PRODUCT RANGE

Bag Filter

Our bag filters, crafted from textile materials, play a vital role in filtering air, liquids, and solids. Employed across diverse industries, they effectively capture contaminants, ensuring cleaner environments and enhanced product quality.



Air Filter

An air filter for machinery is a component designed to capture airborne contaminants, preventing them from entering critical machinery components. It ensures cleaner air intake, protecting equipment from damage and optimizing performance and longevity.



Fluid Filter

Fluid filters are essential components in machinery that remove contaminants like dirt, debris, and metal particles from liquid, hydraulic fluids, oils, and lubricants, ensuring optimal performance and prolonging equipment lifespan.



FILTER MEDIA - TAILORED TO YOUR APPLICATION



Moisture repellent

Waxes, silicones, and fluorocarbon resins for water repellent coats.



Conductive media

Anti-static media designed for electro static discharge.



Surface coating

Microporous coating, PTFE membrane, nanofibres.



Temperature resistance

For operating temperatures up to 450 °C

FILTERS CRAFTED ACCORDING TO YOUR NEED



Shape

Facing limited space? Need a custom dust filter or unique mounting solution for your system? We'll develop the perfect fit.



Filter medium

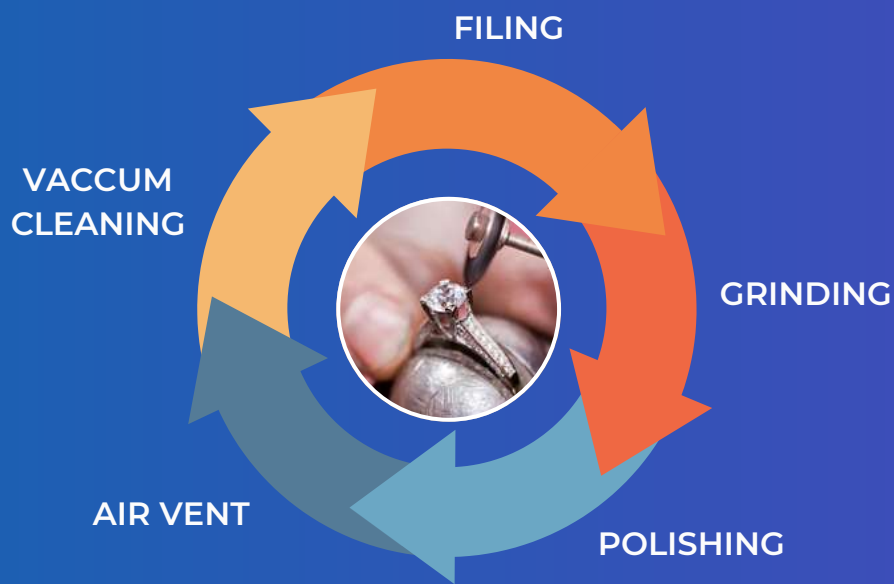
Our filter medium selection considers dust characteristics, operational factors, and your required separation efficiency. We innovate new filter materials to meet emerging challenges.



Special design

Need a dust filter element for extreme conditions or food-safe applications? We'll develop a custom solution that perfectly fits your specifications.

JEWELRY & REFINING - BAG FILTER



Dust Collection Bags for Filing, Grinding & Polishing Machines

Efficiently captures metallic dust and gold particles across filing, grinding, and polishing to ensure clean, safe, and productive jewelry finishing.

- Optimized filter media captures fine filings, abrasive dust, and polishing compound particles
- Precision stitching and reinforced seams prevent dust leaks
- Filtration area designed specifically as per machine specifications
- Sectional airflow optimized for proper suction and uninterrupted operation
- Durable construction with easy replacement for minimal downtime
- Enhances gold recovery while maintaining cleaner, safer workspaces



0
dust leakage.

Our precise stitching
ensures zero dust leakage.

100+

Fabrics & Media for Custom
High-Efficiency Filters



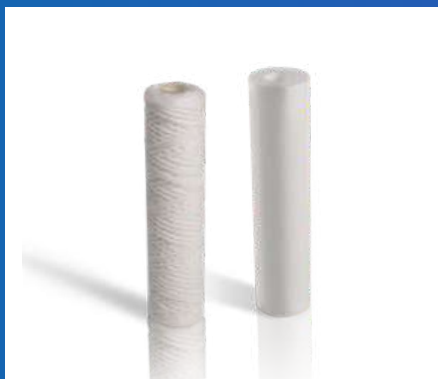
Fast Delivery.
Reliable After-
Sales Service.



JEWELRY & REFINING - LIQUID FILTER



- **High Dust Retention:** Captures fine particles effectively, even in challenging fluids.
- **Acid-Resistant Materials:** Built to withstand corrosive environments.
- **Extended Filter Life:** Durable construction for long-lasting performance.
- **Custom Solutions:** Tailored designs to meet unique process requirements.
- **Ideal for Final Waste Phase:** Specially engineered slurry filters for the last stage of waste treatment.



CANDLE FILTERS



FILTER HOUSING



SLURRY BUCKET FILTER



FILTER PAD

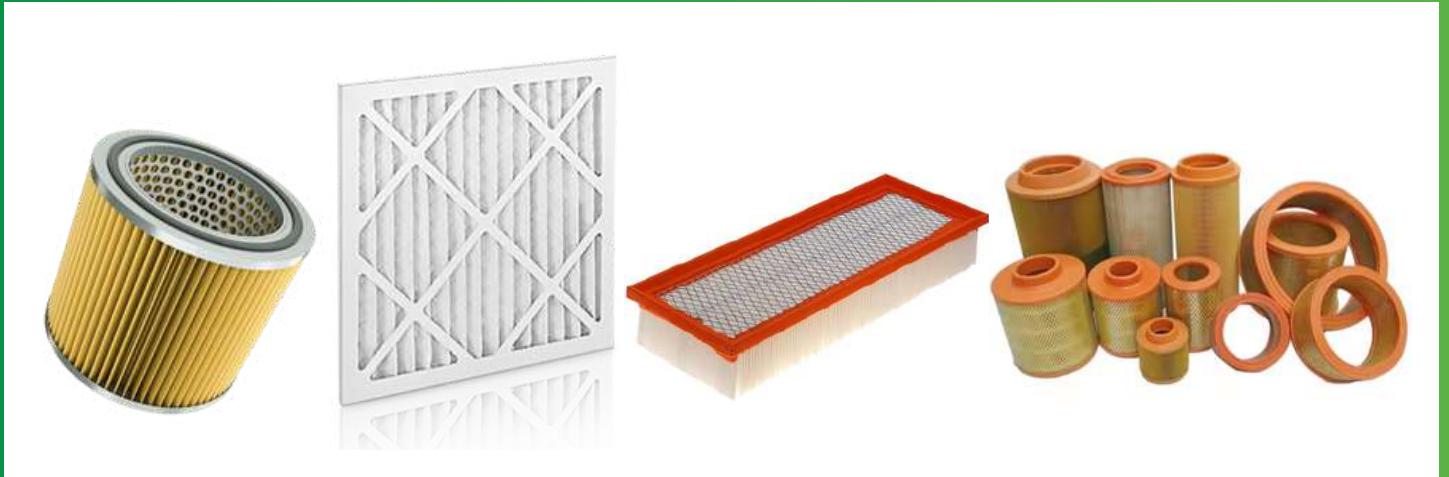


RO MEMBRANE



FILTER CARTRIDGE

JEWELRY & REFINING - DUST & AIR FILTER



- **Custom OEM Fit** – Built precisely to match original equipment requirements for seamless replacement and reliable performance.
- **High-Efficiency Media** – Premium filtration layers capture fine particles for cleaner air and longer service intervals.
- **Optimized Pleats** – Engineered pleat geometry maximizes surface area and airflow for top efficiency.
- **Easy Installation** – Lightweight design and exact dimensions allow quick, hassle-free setup.



JEWELRY & REFINING - PPE



DISPOSABLE APRONS



LABCOAT APRONS



WORKERS UNIFORM



WATERPROOF APRON



WORKER CAP



DISPOSABLE SHOWER
CAP & GLOVES



DISPOSABLE SLEEVES



FINGER COT -
FABRIC / RUBBER



ALUMINIZED APRON



KEVLAR GLOVES

Our protective gear ensures safety, hygiene, and comfort across various tasks.

We offer disposable and labcoat aprons, workers' uniforms, waterproof aprons, caps, gloves, sleeves, and finger cots, all designed for quick, reliable protection. For high-risk areas, our aluminized aprons provide heat- and flame-resistant safety, making them ideal for demanding industrial environments.

JEWELRY & REFINING - DUST COLLECTION GEARS



HOOD HAND GLOVES



HAND REST



LEATHER / REXIN CURTAINS



SEAT COVERS



AC / VENT COVERS



STICKY MAT



BUTANE GAS



MESH CLOTH



HIGH DUST CLEANING ROLL

Our range includes hood hand gloves, hand rests, leather/rexin curtains, seat covers, AC vent covers, sticky mats, butane gas, mesh cloth, and high dust cleaning rolls each designed to enhance safety, cleanliness, and efficiency in industrial spaces.

FILTER FABRICS



Filtration Fabric Weaving and Manufacturing

From wastewater treatment to food processing, Siddhi Filter Media offers a wide range of filtration solutions for various industries, including water supply, pharmaceuticals, chemicals, and pigments & coatings. Our expertise and innovative fabrics ensure optimal filtration performance for your specific needs.



High-Performance Filtration Fabrics

Our deep knowledge of yarn processing, including plying and weaving monofilament, multifilament, and staple yarns, allows us to create custom filter media tailored to your exact specifications. This guarantees optimal quality and performance for your unique application.



Full-Service Fabric Finishing and Filtration Fabric Systems

Siddhi Filter Media provides end-to-end fabric production for filtration solutions. Our services include plying, weaving, scouring, heat setting, and more. This ensures consistent quality and exceptional results for your unique application.

FILTER FABRICS

Siddhi Filter Media offers wide range of filter fabrics including woven and non-woven, which are manufactured from the genuine quality raw materials using high technology machines providing strong conductivity, durability, high abrasion resistance property to the fabric.

WOVEN

- Polypropylene (Spun, Multi Filament)
- Polycotton Satin, Cotton & Cotton Satin
- Antistatic
- Epitropic
- Polyester / Terylene (Spun, Multi Filament)
- Nylon Bolting
- Nylon / HDPE
- Glass Fibre (with / without coating of Silicon, PTFE)
- Geotextile
- Mono Filament
- Reflective Polyester Blend
- Airslide
- Canvas



NON-WOVEN

- Polypropylene
- Polyester
- Polypropylene Sulphide (PPS)
- Nomex
- Hiloft

WITH FINISHES

- Acid Resistant
- Anti Adhesive
- Anti Static
- Fire Retardant
- Oil / Water Repellant
- Silicon & PTFE Coatings



PROPERTIES OF FIBRE FOR DRY FILTRATION

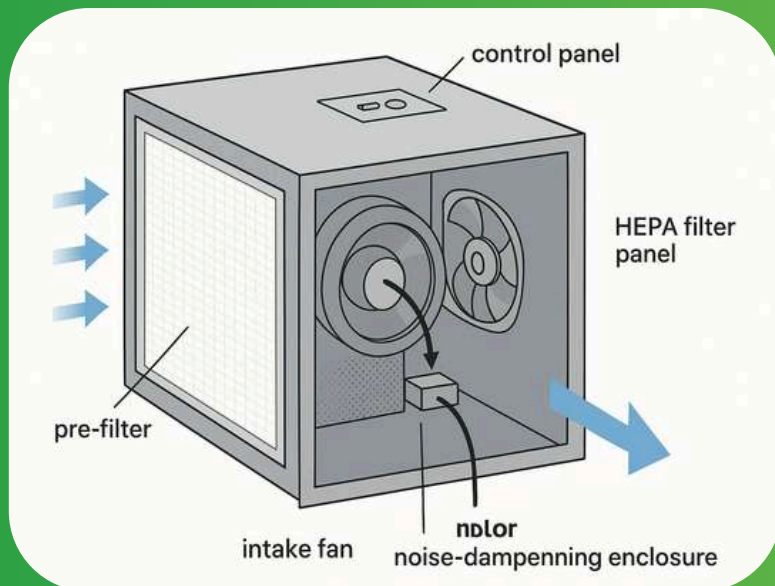
Fibre Type	Cotton	Polypropylene	Polyester	Homopolymer Acrylic	Nomex Polymetaphylene Isophthalamide	Ryton (PPS)	Glass Fibre	PTFE	Nylon
Temperature Limit (°C)	82	90	130	130	200	190	260	260	100
Water Vapor Saturated Condition Moist Heat °C	82	90	94	130	177	190	260	260	NA
Max (Short Time Operation) Tem °C (Dry Heat)	94	107	150	150	240	232	290	290	NA
Specific Density	1.5	0.9	1.34	1.17	1.38	1.38	2.54	2.3	NA
Relative Moisture Regain in %	8.5	0.1	0.4	1	4.5	0.6	0	0	NA
Support Combustion	Yes	Yes	Yes	Yes	No	No	No	No	NA
Resistance To Acid									
Hydrochloric Acid	Not Advisable	Good	Good	Good	Not Advisable	Good	Fair	Good	Not Advisable
Sulfuric Acid	Not Advisable	Good	Fair	Good	Not Advisable	Fair	Fair	Good	Not Advisable
Nitric Acid	Not Advisable	Good	Fair	Good	Not Advisable	Fair	Fair	Good	Not Advisable
Chromic Acid	Not Advisable	Good	Good	Good	Not Advisable	Not Advisable	Good	Good	Not Advisable
Aqua Regia	Not Advisable	Good	Fair	Good	Not Advisable	Not Advisable	Good	Good	Not Advisable
Acetic Acid	Good	Good	Good	Good	Fair	Good	Good	Good	Fair
Formic Acid	Fair	Good	Good	Good	Fair	Good	Good	Good	Not Advisable
Resistance To Alkali									
Aluminium Hydroxide	Fair	Fair	Not Advisable	Fair	Fair	Good	Good	Good	Fair
Sodium Hydroxide	Good	Good	Not Advisable	Fair	Fair	Good	Not Advisable	Good	Fair
Potassium Hydroxide	Good	Fair	Not Advisable	Not Advisable	Fair	Good	Not Advisable	Good	Fair

UNVEILING THE FUTURE

AEROPULSE 500

Next-gen ambient air dust collector with 500 CFM power – built for high dust recovery and long-lasting performance.

500 CFM power, advanced capture from coarse to fine dust, Pre-Vent Bag for high recovery and longer filter life, whisper-quiet operation, easy intuitive controls, motor warranty, and a durable cost-effective build.



DEPTH FILTER

- **Depth Filter Pad:** Thick, porous media that capture particles throughout their depth, ideal for clarifying liquids and achieving high purity.
- **Carbon Depth Filter:** Combines depth filtration with activated carbon to remove particles, odors, colors, chlorine, and organic impurities for dual purification.

SS CARTRIDGE FILTERS

Durable, corrosion-resistant cylindrical filters designed for a wide range of liquids, including aggressive chemicals and high-temperature fluids. Available in various sizes, pleated or perforated designs, and micron ratings, they provide precise control over fluid purity for industrial, chemical, and pharmaceutical applications.





SIDDHI FILTER MEDIATM
FILTRATION EXPERT

ISO 9001 : 2015

SCAN



TO VISIT WEBSITE
www.siddhifilter.in

**MANUFACTURER & SUPPLIER OF ALL KINDS OF
INDUSTRIAL FILTER FABRICS & FILTER BAGS**

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