

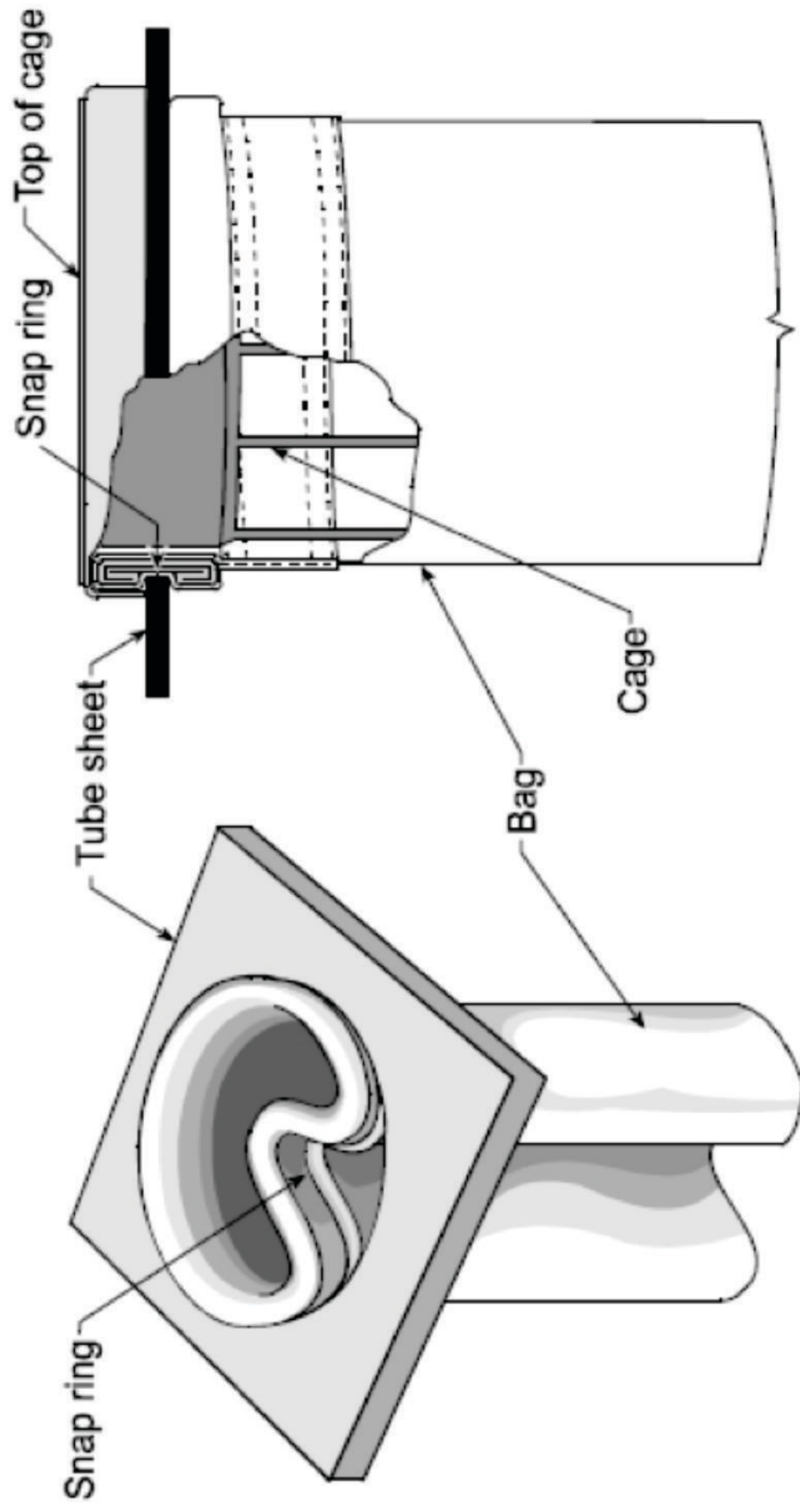
The logo for Hien PowerTech Pvt. Ltd. is a circular emblem. It features a thick black border. Inside, the word "Hien" is written in a large, bold, black, italicized sans-serif font. To the left of "Hien", the words "POWERTECH PVT. LTD." are written in a smaller, black, sans-serif font, oriented vertically along the inner curve of the circle.

# One Stop Shop For Baghouse Filtration



## SOLUTIONS FOR ALL INDUSTRIES





WE TAKE THE DUST OUT OF INDUSTRY

# Specializing in Baghouse Filtration

Hien Powertech Pvt. Ltd. & Hindustan Engineering Corporation are part of the HEC Group, We manufacture filter bags, cages, pleated bags and cartridges for new equipment installations and replacement - supplying a wide range of industries and all type of baghouse designs.

Each one of filters is manufactured in INDIA using only documented and certified materials and manufacturing methods.

Based on our wide range of high quality products and filtration expertise, we have the expertise to find solutions to your most difficult challenges. Our experienced sales team will visit your facility, understand your needs and develop a customized solution to meet those needs.

In addition, we offer a wide range of value added services including turnkey installation and inspection services, emission monitoring equipment, Total Cost of Saving reports, filter analysis, Fabric testing and more.

## WE SPECIALIZE IN FILTRATION SOLUTIONS FOR



ASPHALT



METALS



SAND BLASTING



CEMENT



POWER



PAPER, PULP, WOODWORKING



CHEMICALS



POWDER COATING



OEM



FOOD & BEVERAGE



ROCK PRODUCTS















MISC. MANUFACTURING



# Filter Media For Your Application

Below, you will find our preliminary suggestions for filter media for each industry. However since site-specific issues might dictate a different media solution, we suggest that you draw upon the expertise of your Hien Powertech sales representative to select the optimum media alternative.

## APPLICATION

Industry	Cotton	Polypropylene	Acrylic	Polyester	Aramid	PSS	P84	Fiberglass	PTFE Felt
 Asphalt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 Cement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Chemicals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Food & Beverage *	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Metals	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Power	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Powder Coating *	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
 Sand Blasting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
 OEM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

☒ = Available Options

WE TAKE THE DUST OUT OF INDUSTRY

# Wide Range of High Quality Filter Bages & Cages

- Manufacture by skilled workers  
in company - owned plants in Nagpur ( Maharashtra)

## Pulse Jet Bage & Filter Support Cages



### Support Cages

Rigrd wire design offers maximum durability and support for pulse jet bag houses.

#### Material

- ◆ Carbon steel
- ◆ Galvanized steel
- ◆ Epoxy coated
- ◆ Stainless Steel (304/316/202)

#### Wires

10, 12, 16  
& 20 wires

#### Design

1, 2, 3 &  
4 pieces



We Produce Pulse Jet Filter Bages and Cages in the same facility ensuring:

## Reverse Air Bags



## Pleated Bags












## Shaker Bags & Accessories



# FILTER BAGS

## MEDIA TYPES

Fiber	Available In		Tensile Strength	Abrasion Resistance	Acid Resistance	Alkali Resistance	Support Combustion	Operation Temp °F
	Cotton	Non Woven / Woven	**	**	*	**	Yes	170
	Polypropylene	Non Woven / Woven Needle Felted	****	****	****	****	Yes	180
	Acrylic	Non Woven, Needle Felted	**	**	***	*	Yes	260
	Polyester	Non Woven, Needle Felted, spun bond	****	****	*	*	Yes	275
	Aramid	Non Woven, Needle Felted	***	****	*	**	No	375
	PPS	Non Woven, Needle Felted	***	****	****	***	No	375
	P84	Non Woven Needle Felted	***	****	***	*	No	Up to 500
	Fiberglass	Woven	****	*	**	*	No	500
	PTFE	Non Woven Needle Felted	**	*	****	****	No	500

A) Depending on chemistry and moisture

\*Fair \*\*Good \*\*\*Very good \*\*\*\*Excellent

## FINISHES

Fabric Finishes	Benefit
Singed	Improved cake release.
Eggshell/glaze	short-term dust cake release Improvement (may impede air flow)
Silicone	Improved dust cake release.
PTFE	Acid degradation properties: oil and water repellant.
Flame Retardant	Retards combustibility (not flame-proof)
Acrylic coating	Improved efficiency and dust cake release ( may impede flow in same application)
ePTFE membrane	reduced emissions, aids in recovery from upset conditions, longer bag life.
Fiberglass Finishes	Benefits
Silicone,graphite,PTFE	Protects glass yarns from abrasion. For non acidic application, cement and foundry.
Acid Resistant	Protects glass yarns from acid attack and abrasion. For CFB, carbon black, incinerators, cement, boilers, metals.
PTFE	Protects glass yarns from abrasion, enhances fiber to fiber resistance. For mild ph conditions base load boilers.
Chemical Resistant	Protects glass yarns from acid and alkali attack and abrasion.
ePTFE membrane	Reduces emissions, aids in recovery from upset conditions.





**HIEN POWERTECH PVT. LTD.**

## FILTER BAGS

# Specifications & Options

Brief overview of the different construction option available

### Filter Media

#### Maximum Continues Operating Temperature

170°F	118°F	260°F	275°F	375°F	375°F	up to 500°F	500°F	500°F
Cotton	Polypropylene	Acrylic	Polyester	Aramid	PSS	P84	Fiberglass	PTFE Felt

### Pulse Jet

Filter Bag Tops	Double Beaded Snap Band or Snap Ring	X	✓	✓	✓	✓	✓	✓	✓
	Flange Top or Flange with Ring	X	✓	✓	✓	✓	✓	✓	✓
	Raw Edge or hem	X	✓	✓	✓	✓	✓	✓	✓
Filter Bag Bottoms	Single Disc	X	✓	✓	✓	✓	✓	✓	✓
	Double Disc	X	X	X	X	X	✓	✓	✓
	Wear Strip or Wear Skirt	X	✓	✓	✓	✓	✓	✓	✓
Filter Cage Tops	Turn Down Flange with or without Venturi installed	X	✓	✓	✓	✓	✓	✓	✓
	Split Collar	X	✓	✓	✓	✓	✓	✓	✓
	Split Ring	X	✓	✓	✓	✓	✓	✓	✓
	Flat Flange	X	✓	✓	✓	✓	✓	✓	✓
Filter Cage Bottoms	Welded Pan	X	✓	✓	✓	✓	✓	✓	✓

### Reverse Air (with or without anti-collapse rings)

Filter Cage Tops	Compression Band Top (with or without cap)	X	X	X	✓	✓	X	X	✓	✓
Filter Bag Bottoms	Cord inserted Cuff	X	X	X	✓	✓	X	X	✓	✓
	Double Beaded Snap Band	X	X	X	✓	✓	X	X	✓	✓
	Compression Band	X	X	X	✓	✓	X	X	✓	✓

### Shaker

Filter Bag Tops	Strap Top	✓	✓	✓	✓	✓	X	X	X	X
	Grommet or Loop Top	✓	✓	✓	✓	✓	X	X	X	X
	Hanger Top	✓	✓	✓	✓	✓	X	X	X	X
	Multi-Pocket and Envelope	✓	✓	✓	✓	✓	X	X	X	X
Filter Bag Bottoms	Double Beaded Snap band	✓	✓	✓	✓	✓	X	X	X	X
	Cord Inserted Cuff/Hem	✓	✓	✓	✓	✓	X	X	X	X
	Stitched Flat	✓	✓	✓	✓	✓	X	X	X	X

✓ Available Options

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## Our Valuable Clients

