Dust Collection
Non-woven Bags

FILTER CONCEPT®
www.filter-concept.com

Filter bags are manufactured for achieving optimum filtration performance. They are made from carefully selected media. Various types of media are used such as needle felt, monofilament and multi-filament. They are effective in reducing dust emission levels as per requirement of industries. These bags are placed in dust collector with supporting filter cages. Contaminated air takes path of outside to inside filtration. All solid contaminants get deposited at outer surface & clean air / gas passes through top chamber. Particles retained at the outer surface of media get collected at the bottom of dust collector with the help of shaking mechanism or reverse pulse jetting mechanism.

Features & Benefits

- Highly efficient filtration level
- Depth type filtration
- Wide range of chemically compatible media
- High temperature resistance
- High flow efficiency
- High air to cloth ratio
- Various coatings are available

Technical Specifications

Filter media

- Non woven needle felt polyester
- Non woven needle felt polypropylene
- Aramide / Nomex / Conex
- Homopolymer Polyacrylonitrile
- Polyacrylic
- PTFE
- P84
- PPS / Ryton

Available coating & treatment

- Silicone coating
- Antistatic treatment with carbon fiber
- Antistatic treatment with copper wire
- Antistatic treatment with stainless steel fiber
- Water & oil repellent
- PTFE coating
- PTFE laminated

Sizes

- Customized sizes are available in cylindrical tube bags & pocket type bags

Configurations

- Snap band type
- Flange collar type
- Rubber cord type
- Customized

Applications

• Pharmaceuticals
• Steel & Power
• Powder coating
• Shot Blasting
• Cement
• Chemicals
• Metals & Minerals
• Paints & Pigments