



Dust Collector Filter Cartridges & Bags



Overview

- A cartridge dust collector is a prevalent dust collector used instead of cylindrical filter bag.
- Pleated Dust Collection Bags are widely used in the field of dust collection system. These bags are made up of 100 % spun bonded polyester media with different coatings on it, as per requirement of the applications. This spun bonded media are pleated in different depths & heights to accommodate desired filtration area.
- Spun bonded filter media offers surface filtration, due to which pleated Cartridge offer very high throughput & lower pressure drop across the filter compared to any conventional tube type filter bags. Pleated configuration offers almost 3 – 4 times higher filtration area compared to other conventional bags.

Features & Benefits

- Filter area 3 to 4 times larger than traditional filter bags.
- Open Pleat Spacing, Low consumption of compressed air (for cleaning).
- High efficiency due to surface filtration.
- Reduction in downtime & maintenance, Easy to install & remove.
- Top and Bottom in EPDM, Natural Rubber, Polyurethane or Metal end caps.
- Leak proof design, Very stable, It does not break or fall through sheet.
- Cages & venturi are integral part of bags, hence no cages or venturi required.

Application

- Steel & Power, Cement, Chemicals, Paints & Pigments
- Spray Dryer, Pneumatic Conveying
- Pharmaceuticals
- Shot Blasting, Powder coating

Specification

- Filter Media : Spun Bonded Polyester, Cellulose, Nanofiber, Aramid, P8
- Media Treatment Resistant, Options : Flame Antistatic coatings, PTFE Lamination & Coating, Oleo phobic / Hydrophobic
- Size : Customized
- Micron Rating : 01, 05, 10
- Core : GI, SS 304, SS 316, Plastic
- End connection : DOE, 3 lock, Push Fit, PU Molded, SOE, Snap band