

PLEATED DUST COLLECTION CARTRIDGES

Pleated dust collection cartridges are made of 100 % polyester media with different coatings on it , as per requirement of applications. Manufacturer of dust collectors originally designed to build the dust collection cartridges in equipment, where as pleated bags can be used for existing dust collector in place of conventional dust collection bags, without modifications. This polyester media is made of high tenacity filament yarn without using any binding agent. Thus hard finished material is very stable against hot gas attach & structurally durable. This unique & hard finished material provides features of good pleat ability, high durability, and unique structure of very fine filament yarn which offer high performance in filtration. Thermally tight bonded media provide washability, excellent pleatability, stable structure, fine dust release & good resistance of particle penetration in to the media. This filter media are pleated in different pleated depths & height to accommodated desired filtration area. Construction Pleated spun bonded filter media placed in a cylindrical configuration with support of metal core & encapsulated with metal end caps to form a pleated dust collection cartridges. The end caps are configured to mount as clean side or dirt side fitment. In case of metal caps these bags are supported with soft sponge rubber sealing to ensure positive sealing of filter while fitment.



Features & Benefits

- High filtration area up to 20 m² • Universal Fixing arrangements • Open Pleat Spacing • Low Consumption Of Compressed Air (For Cleaning) • High Efficiency Due To Surface Filtration • Very High Air To cloth Ratio • Very high filtration efficiency

Technical Specifications

Filter media

Spun Bonded Polyester Media

Coating

- PTFE coating for oil & moisture removal • Aluminum coating for antistatic application • Stainless steel coating for antistatic application • Fire retardant coating • PTFE lamination for very stick dust

Sizes Available :

Diameter of Element : 150mm O.D , 225mm O.D , 325mm O.D

Length of Element : From 300mm to 1400mm as per customer's requirement

Fitment configuration

Flange Type model , Three lug type Model , Standard type model

Filtration area

0.96 m² to 20.0 m²

Applications :

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