

DIYA TRADERS

Filtration Made Simple

Poly Urethane Moulded Bags [PU Moulded Bags]



Diya is keen to deliver highest level of quality product to their customer & with Endeavour to that We have introduced polyurethane pleated bags to cater demanding application of air pollution control segment. Moulded design of pleated bag is suitable for retrofit to various reputed name in similar segment. Spun bonded filter media offers surface filtration. due to which pleated bags offer very high throughput & lower pressure drop across the filter compared to any conventional tube type filter bags.

Construction

Pleated spun bonded polyester filter media is placed in a cylindrical configuration with support cage of Galvanised / stain-less steel/ Polypropylene & encapsulated with POLYURETHANE Moulded end caps to form a pleated dust collection bag. Longitudinal joints of pleated bags are ultrasonically fused for leak proof & very stable design. The end caps are config-ured to mount as clean side or dirt side fitment. In case of metal caps these bags are supported with soft sponge rubber or snap band cuff sealing to ensure positive sealing of filter while fitment.

Features & Benefits

- » Filter area 3 to 4 times Larger than traditional filter bag
- » Open Pleat Spacing
- » Low consumption of compressed air (for cleaning)
- » High efficiency due to surfacefiltration
- » Reduction in downtime & maintenance
- » Easy to install & remove
- » Leak proof design
- » Very stable; do not break or fall through sheet
- » Cages & venture are integral part of bags,hence no cages or venture required

Technical Specification

Filter media

- » Spun Bonded Polyester Media

Area weight of filter media

- » 170 gms/m²
- » 200 gms/m²
- » 260 gms/m²

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

- » 0160 mm X 500 mm Long
- » 0160 mm X 1000 mm Lng
- » 0 160 mm x 1400 mm Long
- » 0 160 mm x 2000 mm Long

Filtration area

- » 0.96 m² to 5.5 m²

Applications

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|-----------------------|
| » Pharmaceuticals |
| » Steel & Power |
| » Powder coating |
| » Shot Blasting |
| » Cement |
| » Chemicals |
| » Metals & Minerals |
| » Paints & Pigments |
| » Pneumatic Conveying |
| » Spray Dryer |