



5. HARD PU Molded FILTER Cartridge

❖ CONSTRUCTION

These are made with 100% spun bonded polyester filter fabrics with GI/SS/PP Filter Cage as core inner retainer material.

- PU (Polyurethane) end cap bottom and top caps.
- Also used the stripes for pleates support.

❖ TECHNICAL SPECIFICATION

- **Size :-** 133/150/159/160 mm tube sheet diameter.
- **Length :-** 500/1000/1500/2000 mm long
- **Filtration Rating:-** 0.96 – 25 micron
- **Outside Diameter :-** 145 – 150mm
- **Filtration Area :-** 1-5.5 SQM Maximum

▪ Media configuration available :

- Spun bonded polyester – plain fabric
- Spun bonded polyester – oil and water repellent (OWR)
- Spun bonded polyester – PTFE coated
- Spun bonded polyester – Aluminium antistatic coated
- Spun bonded polyester – ePTFE membrane laminated
- **Area weight of filter media : 200 / 260 gms/m²**

❖ FEATURES

- Very economical and strong outer cags.
- Temperature : ambient
- Open pleat spacing
- Low consumption of compressed air (for cleaning)
- High efficiency due to surface filtration
- Reduction in downtime & maintenance
- Easy to install & remove , leak proof design
- Very stable, it does not break or fall through sheet
- Cages & venture are integral part of bags, hence no cages or venture required.

❖ APPLICATION

- They are used in a variety of applications like **food, pharmaceuticals, chemicals, cements, sugar, fertilizers**, process industries, dye industries, etc. These are designed for providing high efficiency and purity filtration.

