

## Phoenix Filter bags for Reverse Air or Shaker designs

In baghouses using reverse air or shaker cleaning systems, particles are collected on the inside surface of the bag. The dust laden gas enters through the dirty side (inlet) of the collector and flows up through the bag. The particles are filtered by the dustcake and the fabric, and clean air exits through the outside of the bag.

1. **Grommet Top (#1)**
2. **Loop Top (#2)**
3. **TRAP** bags have a strap or loop top with a torsion spring sewn into the top. (#3)
4. **Strap Top (#4)**
5. **Envelope Style (#5)**
6. **Cord Top Cuffs (#6)**
7. **Compression Band (#7 - shown with cap installed)**



Accurate shaker & reverse air top designs are essential for proper installation.

## Shaker and Reverse Air Anti-Collapse Rings

Anti-Collapse Rings are metal rings of various wire gauges, metals, and platings sewn to the outsides of the bag body to prevent the bag from collapsing during cleaning.

## Shaker and Reverse Air Bag Bottom Designs

**Sewn Flat** bags are sewn straight across to prevent raveling. (#1)

**Snapband Cuffs** with flat gaskets for cast or recessed collar style tubesheets. (#2)

**Cord Cuffs** have a firm cord sewn into a hem or cuff and are used when the bag is clamped to a thimble. (#3)

**Compression Band** bottom cuffs have a riveted stainless band sewn in the cuff to fit clampless thimbles. (#5)

**Snapband Cuffs** with double-beaded grooved gaskets fit flat plate tubesheets. (#6)



Shaker, reverse air and pulse-jet bag bottom designs vary by cleaning system & equipment manufacturer.

Call or Fax or e-mail [steve@airfilters.fsbusiness.co.uk](mailto:steve@airfilters.fsbusiness.co.uk) for more info!

**Phoenix Filters**

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