



HMA

FLOW & INDUSTRIAL



**FILTRATION
MEDIA AND
ACCESSORIES
TO INDUSTRY**

Dust Filter Bags

HMA now offers a comprehensive range of competitively priced dust filtration products.

Supported by a group of quality overseas manufacturers, HMA has the capability to offer custom-designed filter bags to suit any application.



HMA filter bags are manufactured from high quality felt media, including a wide range of woven needle felt and woven fabrics made of Polyester, Polypropylene, Acrylic, Aramid, PPS, P84, PTFE and Fibreglass, all in compliance with the ISO 9001:2000 quality standard.

HMA filter bags are used for dust removal, liquid/solid separation and product recovery under various process conditions such as high / low temperature, wet, dry, acid, alkaline, and sticky dusts.

HMA filter bags are used in a wide variety of industries including Cement, Chemical, Food, Dairy, Minerals, Feed, Oil Refining, Paint, Plastics, Asphalt, Power and many more.

Pulse-Jet Dust Filter Bags



HMA supplies various pulse-jet filter bags. These bags use support cages to allow air flow from the exterior of the bag, exiting to through the interior.



Top and bottom removal bag bottoms have disc bottoms that can be sewn using an overlock (surge) stitch or lock stitch.



HMA can also provide a wear reinforced or custom skirts to the bottom portion of the bag to prevent premature bag-to bag wear



HMA can provide quotations based on customer samples, drawings or direct site discussions.



Welded Seam Filter Bags



Needle holes in the vertical seam of a filter bag can be a conduit for fine particle bleed through. In order to provide you with the most efficient filter bag possible, HMA can offer one-piece welded filter bags to provide the lowest possible emission.



Top Construction

HMA offers many top constructions including:



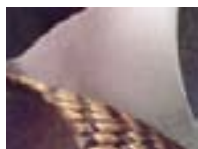
- Ring Top
- Snap Ring
- Flange Top
- Snap Band
- Soft Cuffs
- Raw Edge



Fiber Glass Dust Filter Bags



Fibre glass fabric filters are an alternative for applications where synthetic fabrics are not suitable.

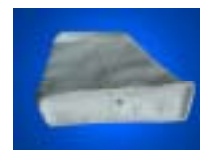


HMA's PTFE membrane fibre glass fabric felt provides the best combination of filtration efficiency, airflow and function durability.



Fibre glass is used in a number of industries including the Chemical and Steel industries.

HMA bags are manufactured from shaker felts and woven fabrics. Your bags are designed to fulfil or exceed your present bag performance. HMA offers various top and bottom attachments, including reinforcement for optimal life.



Reverse Air Dust Bags

HMA offers a wide variety of reverse air bags.

Top constructions consist of strap top, loop top, cord top cuff, compression bands with steel caps or grommet top bags. Anti-collapse rings can be used for optimal cleaning efficiency.



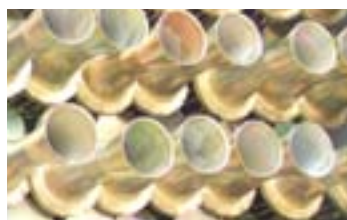
Surface Treatment of Dust Filter Bags

Surface Treatment	Application	Applicable
Singed	Recommended for improved cake release	Polyester, Polypropylene, Acrylic, Aramid, Ryton, P84
Glazed	Provides a smooth surface and improves cake release	Polyester, Polypropylene, Acrylic, PPS, Aramid, P84, PTFE
Anti-Static	Dust explosion, Dust release	Polyester, Polypropylene, Acrylic, Aramid, P84, PTFE
Silicon	Improved cake release	Polyester, Polypropylene, Acrylic, PPS, Aramid, P84
Micron Fiber	For capture of fine particles	Polyester, PPS, Aramid
Flame Retardant	Flame retardation	Polyester, Polypropylene
PTFE Laminated Membrane	Improved filtration efficiency and cake release	Polyester, Polypropylene, Acrylic, PPS, Aramid, P84, PTFE, Glass
PTFE Water & Oil Repellent	Improved water & oil repellent performance	Polyester, Acrylic, PPS, Aramid, P84, Glass
Acid Resistant	Improved resistance to acid attack	Aramid

Bag Cages



HMA provides a wide range of cage designs with 8,10, 12, or 20 wires to fulfil your needs. HMA offers Stainless Steel, carbon steel or galvanised cages depending on the operating conditions. Venturis are offered for more efficient cleaning in a large variety of materials.



Cartridges



Suitable for the filtration of fine dust in gas turbines, compressors pigment and wood dust applications to name a few.

Custom Designs



HMA can design filter bags for almost any application. Talk to us about your unique application today.

Liquid Filter Bags

HMA offers a wide selection of woven and non-woven fabrics utilising both stitched and welded technology as required. HMA has the capacity to supply an infinite range of shapes and sizes in a configuration to meet your exact requirements.

HMA liquid filter bags are suitable for a wide range of OEM brands.



Steel Ring Stitched Bags



HMA steel ring filter bags are available with several different ring materials, filter fabrics and micron ratings. This choice provides you with a steel ring filter bag for almost any application.

Ring Material	Stainless Steel - Carbon Steel
Fabric materials	Polypropylene, Extended Life Polypropylene, Polyester, Extended Life Polyester, Nylon, Nomex®, PTFE, Nylon monofilament, Polypropylene Monofilament, Polyester Multifilament, Stainless Steel Monofilament, Copper Monofilament
Micron Ratings	0.5, 1, 5, 10, 25, 50, 75, 80, 100, 150, 200, 250, 300, 400, 600, 800
Bag Size	1# (Ø 180 x 400 mm) 2# (Ø 180 x 810 mm) 3# (Ø 101 x 220 mm) 4# (Ø 101 x 355 mm)

Plastic Collar Welded Bags



HMA's fully welded filter bags ensures that nothing by-passes the filtration media as is possible for sewn fabrics. Ultra-strong 100% thermally bonded welding process ensures by-pass free and thread free seams and improved filtration efficiencies.

Ring Material	Polyester, Nylon & Polypropylene
Fabric materials	Polyester, Nylon, Polypropylene
Micron Ratings	0.5, 1, 10, 25, 50, 75, 80, 100, 150, 200, 250, 300
Bag Size	1# (Ø 180 x 400 mm) 2# (Ø 180 x 810 mm) 3# (Ø 101 x 220 mm) 4# (Ø 101 x 355 mm)

Mesh Liquid Bags



HMA offers a portfolio of high performance fabrics such as NMO with micron ratings from 7 to 1000 and PEM with micron ratings from 100 to 800.

Ring Material	Stainless Steel, Carbon Steel, Nylon & Polypropylene
Fabric materials	Monofilament: Polypropylene, Polyester, Nylon, Stainless Steel, Copper Multifilament: Polyester
Micron Ratings	Monofilament: 7, 10, 25, 50, 75, 80, 100, 150, 200, 250, 300, 400, 600, 800, 1000 Multifilament: 100, 150, 200, 250, 300, 400, 600, 800
Bag Size	1# (Ø 180 x 400 mm) 2# (Ø 180 x 810 mm) 3# (Ø 101 x 220 mm) 4# (Ø 101 x 355 mm)