

# INDUSTRIAL AIR DIVISION AFTERMARKET PRODUCTS



**Donaldson**  
FILTRATION SOLUTIONS

*...Pure Filtration Excellence!*

[www.donaldson.co.za](http://www.donaldson.co.za)

# Industrial Air Division

When it comes to customer support, no other filtration product manufacturer can match Donaldson's technical expertise and commitment. Our customers' can rely on Donaldson to help them choose the best parts for their applications. Using Donaldson cartridge and bag filters can significantly improve the performance of your dust collector. Uniquely engineered for longer filter life and higher filtration efficiency, Donaldson cartridge and bag filters are the most cost-effective choice for any application.

Most of our filtration products are manufactured in Johannesburg and Cape Town and Donaldson is supported by highly qualified technicians both locally and internationally.

Donaldson offers professional "hands-on" representatives who offer on-site, face to face problem solutions to assist you in achieving optimal performance from your baghouse and dust collector. We also understand that in addition to meeting stringent filtration needs, filtration systems must allow for the best economical means of expansion for future growth.

Through our continuous pursuit for excellence in our manufacturing processes, we can assure you don't have to compromise quality for price.



**Better Technology**



**Donaldson Longmeadow distribution centre, Gauteng**



**Donaldson factory in Epping, Cape Town**

## Cartridge Filters

All filters are not alike. Equip a dust collector with a generic replacement filter and expect the performance of that collection system to decline. What's worse, generic replacement filters selected for their initial lower purchase price often waste manufacturer's time, productivity and money in the long run.



Torit- Built® filters keep dust collectors operating at peak performance. Offered for a full range of dust, fume and mist collection applications, Torit- Built® filters – especially our patented Ultra-Web® filters – outperform and outlast other filters. When it comes to Torit-Built Ultra-Web filters, there is no equal in performance and value.

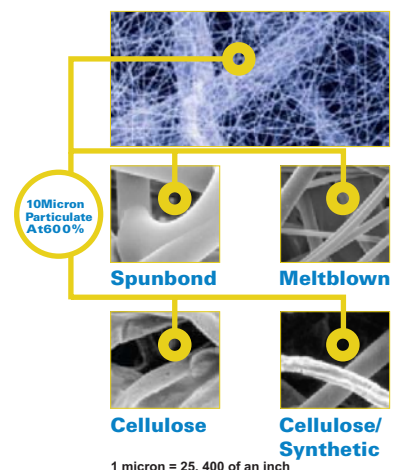


**Cartridge filter**

**Cartridge Media Options** Donaldson offers leading-edge collection media such as our patented Ultra-Web nanofibre technology. Ultra-Web® utilizes a fine layer of web like fibers to trap sub-micron particles on the surface of the media allowing efficient dust release and prolonged cartridge life. Other advantages include cleaner air, higher efficiency, lower pressure drops and great cost savings.

- Ultra-Web®
- Ultra-Web® Spunbond
- Fibra-Web®
- Thermo-Tek®
- Dryflo®
- Cellulex™
- Ultra-Tek®

### Ultra-Web Technology



# Bag Filters

Donaldson continually raises the bar in bag filter technology. Providing the widest range of bag filters for any baghouse collector from standard polyester to speciality material in **Dura-Life™** felts and **Tetratex® PTFE Membrane** needlefelts.

## Bag Filter Media Options:

- **Dura-Life™ felts**  
(Polyester, Nomex, Epitropic, Oleophobic, P84, PPS)
- **Tetratex® PTFE Membrane** on Needle felts  
(Substrates: Polyester, Polypropylene, Homopolymer Acrylic, Aramid, PPS, Polyimide, Antistatic)
- **Tetratex® PTFE Membrane** on Woven Fiberglass

## Also available:

- Polyester Needle felts
- Epitropic (Anti-static) Needle felts
- Aramid (Nomex) Needle felts
- PPS (Ryton) Needle felts
- Composite (P84 Blend) Needle felts
- Polypropylene Needle felts
- Woven Fiberglass
- Acrylic Needle felts
- P84 Needle felts



Dust Collection Filter Bags

## Dura-Life™ Media:

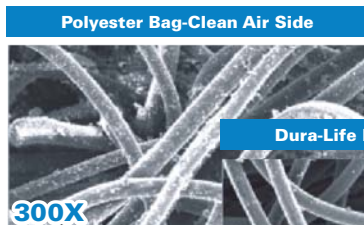
An engineered filter media with a unique hydro-entanglement process that uses water to blend the fibers, creating a more uniform material with smaller pore size that provides better surface loading of dust and prevents penetration deep into filter media. With better surface loading, Dura-Life™ media provide improved pulse cleaning and lower pressure drop, which results in extended bag life, less maintenance time and cost, energy saving and greater filtration efficiency.

## Tetratex® PTFE Membrane Media:

Tetratex is a surface filtration PTFE membrane, laminated to woven material and needlefelts. The Tetratex technology delivers unrivalled dust cake releases, high filtration efficiency and extended filter life which results in significant energy savings.

## Conventional and High Temperature Media:

Donaldson has high quality, cost effective filter bag solutions for each of our customer's unique requirements.



 **Tetratex®**



Heavy Industry

## Bag Filter Cages

Donaldson can offer a whole range of cages. Our expertise will assist our customer in selecting the right cage to ensure an extended bag life. All cages are offered in a variety of finished coatings and types of steel.



## Service and Maintenance Support

Donaldson incorporated the industrial air service department full time in 2004. Today, the Donaldson Service team consists of highly trained technicians and with the backing of the technical division, offers over 100 years combined experience. Trailers which are fully kitted with equipment to perform repairs, are assigned to every service team and emergency spares stock is always available. Our standby technicians are available 24/7/365.



Donaldson service teams

**The service team also services a wide range of contracted monthly customers. The service teams undertake the following with every survey:**

- To create a log book gets set-up for each filter on site
- To record the filter operating pressures for each filter
- To discover filter faults early, take corrective action and record such
- To prepare risk and task assessments
- To perform black light testing on request

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