

SALES
SUPPORT
ENGINEERING
MAINTENANCE

Midwesco's mission along with our subsidiaries, TDC Filter, Nordic Air Filtration and Midwesco® South Africa are committed to providing you with the most cost-effective, highest value proven products and services available that will enhance your baghouse and dust collector system performance. It is through continuous pursuit for excellence in our manufacturing processes, raw material acquisition, and technically experienced field service crews and staff that Midwesco® Filter can bring you quality products and savings.

Technology at work for you



385 Bataille Drive
Winchester, VA 22601
800.336.7300 ph
540.667.9074 fax
www.midwesofilter.com



Filter Medias and Finishes



midwesco
Filter Resources, Inc.



Fibreglass Fiber Media

FIBERGLASS FILTER BAGS

Fibreglass filter bags are available in Reverse Air, Pulse-Jet, and Shaker bag designs. Midwesco's Electrical Grade woven fibreglass filter bags are the optimum solution for baghouse environments with operating temperatures between 300-550°F (150 -260°C). Midwesco's fibreglass filter bags have specific success in mineral kilns, power plants, WTE incinerators, carbon black producers, refineries, and EAF/ Steel mills. Our fibreglass filter bags are also available with acid-resistant, Teflon®B, and eptfe membrane finishes.

SEAMLESS TUBE® FILTER BAGS

Seamless Tube® Filter Bags are an exclusive development of Midwesco® and has proven to lower initial cost, provide longer bag life, reduce energy costs, and increase filtration capacity through its seamless construction. Available for Shaker or Reverse Air bag designs, Midwesco's Polyester Seamless Tube® filter bags are the optimum solution for baghouse applications ranging from 0 - 275°F (32-527°C) and are available in diameters of 5, 6, 8, and 11.5" (127, 153, 203, 292mm).



Seamless Tube® Filter Bags

flexible media solutions for your baghouse needs

P84 FILTER BAGS

A unique and cost effective solution for many pulse-jet applications. The unique tri-lobal fiber structure allows for high efficiency filtration, low pressure drop and reduced cleaning energy. P84® filter bags are the optimum solution for low acid baghouse applications operating up to 500°F (260°C). P84's irregular, tri-lobal fibers creates 30-90% more collection surface area compared with round or oval shaped fibers.

ARAMID FILTER BAGS

Also known as Nomex® or Conex®, Aramid is the fiber of choice for high temperature pulse-jet applications such as Asphalt, Metals, Minerals, and Power Generation. Aramid woven felts are used in a wide range of high temperature filtration applications operating <375°F (191°C).

POLYPHENYLENE SULFIDE FILTER BAGS

Also known as Torcon® and Procon®, PPS is known for its balanced thermal and chemical resistances, non flammability, and electrical properties. PPS is ideal in high temperature pulse jet applications such as Coal-Fired, MSW, and WTE Boilers, smelters, and calciners. PPS woven felts are used in high temperature applications with a continuous temperature of 375°F (191°C) with excursions up to 400°F (204°C) before thermal degradation occurs.

HUYGLAS® FILTER BAGS

Huyglas® is a specially engineered fibreglass felt designed to withstand temperature excursions up to 600°F (316°F) and has a continuous operating temperature of 550°F (287°C). Huyglas® filter bags are the best solution for pulse-jet baghouse applications that have high differential pressure, high emissions, and chemical attack.

CERAMIC FILTER BAGS

Dupont's FB700 high temperature filter media can be used for baghouse applications with operating temperatures up to 700°F (371°C) and can be used in both reverse air and pulse jet baghouses. Thus one experiences a reduction in failures due to thermal excursions and save energy costs by minimizing the need to cool the gas.

Meteor finish: Meteor needle felt is constructed of a stable scrim constructed of mineral basalt fibers and yarns that can be needle punched onto an Aramid, PPS, Poly-Ox, PTFE, P84® and Polyester polymer. The Meteor scrim structure provides higher temperature capacity, maximum mechanical stability, excellent abrasion resistance, spark resistance and extreme chemical resistance.

I625 Acid Resistant Finish: Midwesco's I625 Acid Resistant finish is a proprietary blend of polymers, PTFE, graphite and silicone through BGF Industries. The finish forms a chemical bond with molecules on the surface area of the fibreglass yarns. The complete encapsulation of the yarns shields the fibreglass from chemical attack. I625 is ideal for Boilers, Carbon Black Producers, Metal Furnaces, and Smelters.

ePTFE Membrane Finish: Membrane finish is a very thin, extremely smooth, and micro porous film of expanded PTFE. For durability the ePTFE membrane is bonded to the surface of a base fabric (i.e. Polyester, Aramid, Fibreglass, PPS etc). The membrane acts as a subsurface dust cake thus eliminating the need for a primary dust cake to be formed. The membrane's slick surface also allows for easy and reduced cleaning.

Teflon®: Teflon fibers can be woven or needled into fabrics that will be sewn for filter bags. Teflon® pellets can be expanded and shaped into ePTFE membranes that can be laminated onto the collection side of conventional fabrics. Teflon® is used in baghouses

PPS Fiber Media

