

TECHNICAL DATA SHEET

WOVEN FIBERGLASS FABRIC

Midwesco Filter is one of the world's largest fabricator of filter bags made from Electrical Grade Woven Fiberglass fabrics. E-Grade woven glass filtration fabrics are the optimum solution for baghouse environments with operating temperatures between 300° F and 550° F (150° C-260° C). ePTFE membranes can also be applied to these fabrics.



Fiberglass weavers; such as BGF Industries, an ISO 9002 company, combine yarn selection, weave pattern, and construction density to produce fabrics with the appropriate mixture of physical properties for the intended use. BGF Industries is among the best of the filtration and industrial fabric weavers in the world.

Industries that have successfully employed woven fiberglass filter bags include:

- Mineral Kilns
- Power Plants
- WTE Incinerators
- Carbon Black Producers
- Refineries
- EAF/Steel Mills

After weaving and coronizing, a specific finish is applied to the fabric to ensure its proper thermal and chemical protection. The coronization process is a very important step in the production of the fabric. Without this

step, the fabric is not clean and stable prior to the application of the chemical and thermal repellent finish. Not all weavers and filter bag makers use coronized fabrics.

Typical fiberglass finishes are:

- Tri-Treatment, silicone oils/graphite/PTFE
- Teflon® B
- I625, acid resistant finish
- 373, chemical resistant finish consisting of Blue-tinted polymers & PTFE

These woven fiberglass fabrics are engineered for a specific applications and cleaning methods within a baghouse:

- Reverse Air
- Shake/Deflate
- Sonic Assist
- Pulse Jet

Midwesco Filter only produces finished filter bags made from woven fiberglass fabrics that have been coronized. We rely on BGF to cure and coronize your filtration fabric, not your baghouse! Your baghouse is for dust collection, not fabric curing. Accept no substitutes!



Contact your Midwesco representative to learn more details of this product and others.

midwesco
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