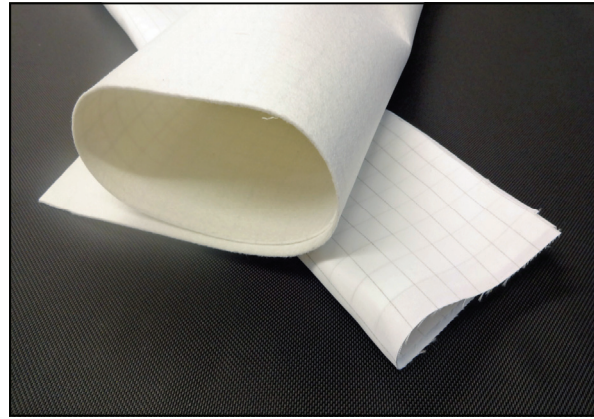
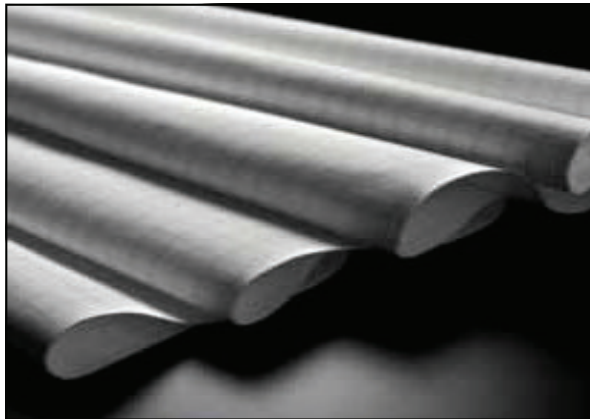


Anti-Static Filtration Fabrics

16oz Polyester felt with Stainless Steel Scrim

Statistical data regarding industrial accidents point out that 1 out of every 10 explosions is due to static electricity.

In dust collectors, the electrostatic load can grow both on filter media and on the dust cake, and it is facilitated by low moisture levels, high temperatures, high contact velocities and small particles. Materials like wood powder, grains, sugar, aluminum, magnesium, fiberglass & carbon fiber could generate explosive conditions: particularly if particle dimensions and other characteristics meet the criteria established in the CEI 31-5-6 classification.



Main

Characteristics:

- Temperature limit for gas stream 275°/135° C
- Metallic fibers: mainly made from very fine stainless steel
- Guaranteed high level of conductivity & antistatic properties
- Resistance is generally lower than 10^3 ohm
- Excellent dust cake release of static charged dust
- Available with singed and PTFE Membrane finish

End Uses:

Antistatic filter media are used in a wide range of industrial, chemical, metallurgical, mineral and agricultural applications where the dust and process tend to build static and where a potential ignition source is present



Sugar



Grains

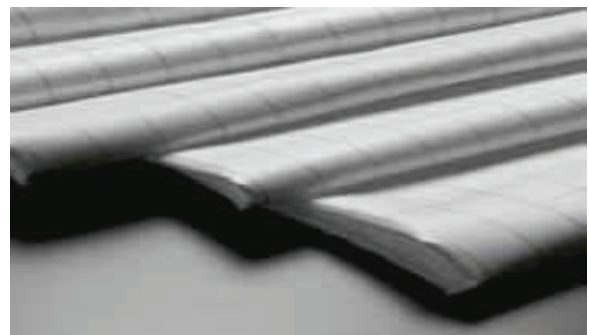
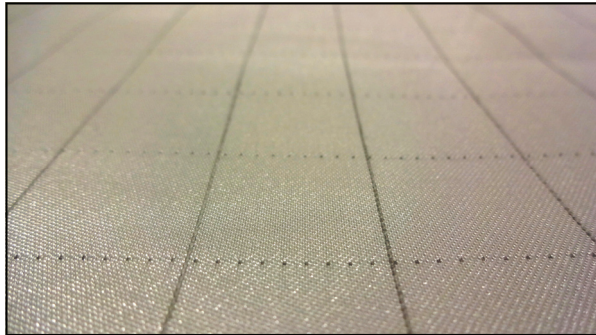


Wood Dust

Anti-Static Filtration Fabrics

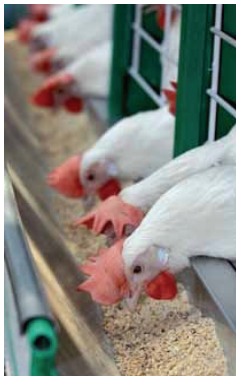
6oz Polyester Multifilament with Stainless Steel Scrim

Conduction (Anti-Static) cloth is a synthetic material, most often a polyester, woven through with stainless steel wire to dissipate static. Commonly used in industrial applications where static is prevalent or a concern. The stainless steel scrim has no effect on micron or porosity readings. Anti-static Polyester multifilament is used to make filter bags, socks, chutes and sleeves for fluid bed dryer equipment, mixer vents, hoppers and discharge chutes.

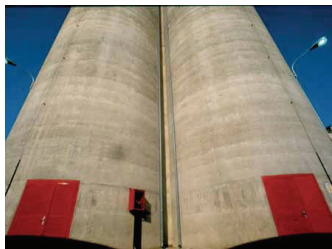


- Main Characteristics:
- Temperature limit for gas stream 275°/135° C
 - Retention: 15-20 micron
 - Resistance is generally lower than 10^4 ohm
 - Porosity: 20-30CFM (nominal based on ASTM Standard)
 - Metallic fibers: mainly made from very fine stainless steel
 - Excellent dust cake release of static charged dust

End Uses: Antistatic filter media are used in a wide range of industrial, chemical, metallurgical, mineral and agricultural applications where the dust and process tend to build static and where a potential ignition source is present



Animal Feed Industries — grinding, milling & drying



Food Industry — processing of grains, sugars, corn, rice & other organic products



Coal grinding for cement kilns and power plants



Pharmaceutical industry— solid finishing and wet filtration