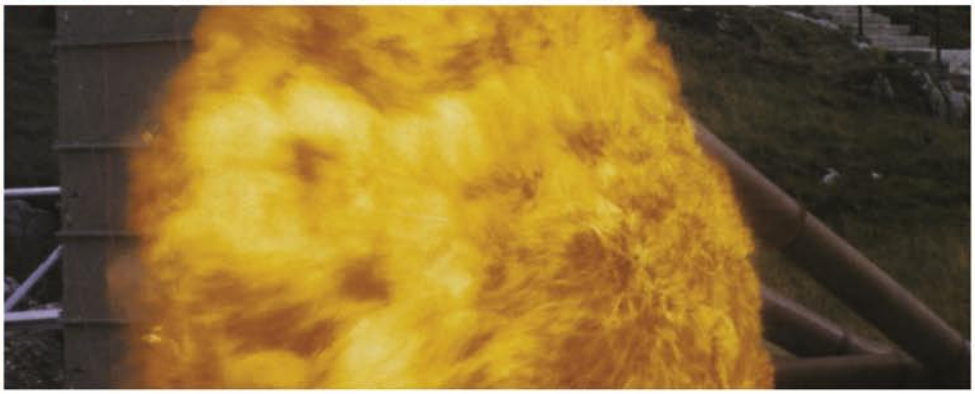
Filterfab
A National Filter Media Company

Anti Static



The build-up of static electricity on a filter dust cake and on filter media can be a serious safety hazard. If not properly dissipated this charge can lead to an explosion or cause problems with the release of the dust cake from the needlefelt. As most fibers are not good conductors of electricity it is necessary to modify standard needlefelts with the introduction of conductive materials.

Antistatic needlefelt utilizes a woven scrim comprised partially of stainless steel yarns in both the warp and fill directions thus creating a needlefelt which provides uniform static-dissipating properties. Antiststic results are less than 25,000 Ω at 250 volts, far superior than blended epitropic needlefelts. The antistatic design is not only a very cost-effective needlefelt but can be produced in the shortest of lead times.

Features

- Antistatic has electricity resistivity of less than 1 MOHM
- Meets D.I.N & US standards for conductivity
- Effective dissipation of static build-up from charged dust
- Reduces pressure build-up from charged dust
- Uniform distribution of conductive stainless steel throughout the needlefelt
- Less expensive than blended stainless steel
- More conductive than felts containing blended epitropic

Typical Applications

Records show the following dusts have exploded when being pneumatically transported:

- Anthracene
- Cattle Food
- Cellulose Acetate
- Cellulose Nitrate
- Coal
- Cocoa
- Cork
- Dextrin
- Dyestuffs
- Ferro Manganese
- Flour
- Grains
- Hexamine
- Linseed
- Magnesium Powder
- Metallic Dusts
- Methyl Cellulose
- Napthalene
- Pharmaceuticals
- Phenolic Resins
- Pulverised Fuel
- Pyrites
- Plastics
- Rubber
- Starches
- Sugars
- Sulphur
- Titanium
- Urea Formuladehyde Resins
- Waxes
- Wood Dust

ISO 9001

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