HEMIPLEAT® CONDUCTIVE CARTRIDGE FILTERS

ADVANTAGES

- Cellulose & Synthetic media types
- Low pressure drop and energy efficient
- Static dissipative and grounded for safe work environment
- Up to MERV 16 filtration efficiency

Application	Fumed silica dust Plastic PVC or composite dusts Carbon black/toner dusts
Separator	HemiPleat Technology
Max Temperature (°C)	71°C / 160°F (HemiPleat) | 93°C / 200°F (DuraPleat)
Pleat	HemiPleat
Comment	Media: HMPTC – PolyTech™ Conductive (color: black) – MERV 10 proprietary blend of cellulosic fibers and polyester fibers with a moisture-resistant silicone treatment for optimum dust release characteristics, yielding long service life at high filtration efficiencies. Chemically treated and impregnated with carbon for static dissipation.

Hemipleat® Flame-Retardant, Conductive Media Option:
This filter is the first to combine flame-retardant and conductive properties in a single filter that also offers high efficiency, long service life, and energy-efficient performance.

The special carbon-impregnated filtration media is designed for dust-handling applications that require flame resistance as well as dissipation of static charges—including many metal dusts; fumed silica dust; plastic, PVC or composite dusts; pharmaceutical dusts and carbon black/toner dusts. The cartridge filters are especially suited to explosive dust applications, making it possible to conform to NFPA and ATEX requirements and lessen the risk of ignition sources due to static electricity charges.

The new “two-in-one” conductive/flame retardant filters often allow the use of dry media-type dust collectors in applications where they otherwise could not have been used. They are available in a choice of two media types: the standard HemiPleat open-pleat high-efficiency media, or the HemiPleat eXtreme nano fiber media which offers a MERV 15 efficiency rating and enhanced performance on difficult dust/fume applications and highly explosive processes.

* Approximate or estimated values according to ISO 16890
** EN 1822 rating

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