Dust Collection Cartridge Application Matrix

Cartridge Filter Description	High Efficiency, Composite Cellulose and Polyester fibers.	High Efficiency, Composite Cellulose and Polyester fibers. Treated to be Fire Retardant.	High Efficiency, Composite Cellulose and Polyester fibers. Wide pleat spacing for better dust release.	High Efficiency, Composite Cellulose and Polyester fibers. Wide pleat spacing for better dust release. Treated to be Fire Retardant.	High Efficiency, Composite Polyester and Fiberglass fibers. Wide pleat spacing for better dust release. Special media designed to be washable for reuse.	100% Spun-bond Polyester blend.	100% Spun-bond Polyester blend. Hydrophobic/ Oleo phobic treated.	Ultra High Efficiency proprietary blend of Spun-bond polyester substrate with an expanded PTFE surface membrane.	High Efficiency proprietary blend of pleatable 10 oz. Nomex® fibers.
General Usage	For most Applications	For applications where live sparks could enter the dust collector. Will not suppress fires if collected materials are combustible.	For applications where larger or irregularly shaped particles enter the dust collector.	For applications where live sparks or irregularly shaped particles could enter the dust collector. Will not suppress fires if collected materials are combustible.	For applications with larger particles or with hygroscopic or agglomerative dusts. Filters can be washed and reused.	For applications where high strength media and excellent release characteristics are required.	For applications where high strength media and excellent release characteristics are required. Water and Oil resistant.	For applications demanding extremely high filtration efficiencies or difficult dust cake release requirements.	For applications with High Extreme temperatures.
Temperature	180° F	180° F	180° F	180° F	275° F	245° F	245° F	245° F	375° F
Washable	No	No	No	No	Yes	Yes	Yes	Yes	No
Typical Applications	Abrasive lasting, carbon black, powder paints, dry chemical processing, pharmaceuticals, metalizing, thermal spray, welding, battery recycling, foundry, mining, etc.	Welding flame cutting, plasma cutting, laser cutting, metal spraying, ferrous metal grinding, etc.	Fiberglass and composites grinding, leather finishing, grain handling, buffing, tobacco processing, wood sanding, etc.	Course grinding or ferrous metals, etc.	Salt, sugar, clay, cocoa, coffee, deter-gents, milk powder, stearates, textiles, woodworking, etc.	Cardboard, cement, cocoa, coffee, paper rubber grinding, powder coating, polishing, etc.	Composite grinding, textiles, tobacco.	Food, asbestos, pesticides, fluidized bed dryers, agglomerating materials.	Cement, paint pigments, coal, gypsum.