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## **Clark Filter Dust Collection Cartridge Application Matrix**

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