



Clark Filter Industrial Application Guide



Industrial Applications	Concentration	Particle Size	Cyclone Dust Collector	Cartridge Dust Collector	ESP Mist/Fume Collector	Portable Dust Collectors	Media Mist/Fume Collector
CERAMICS							
Raw Product Handling	Light	Fine	Yes	Yes	No	Yes	No
Fettling	Light	Fine to Medium	Possible	Yes	No	No	No
Refractory Sizing	Heavy	Coarse	Precleaner	Yes	No	Yes	No
Glaze & Vitreous Enamel Spray	Moderate	Medium	No	Possible	No	No	No
CHEMICAL							
Material Handling	Light to Moderate	Fine to Medium	Yes	Yes	No	Yes	No
Crushing, Grinding	Moderate to Heavy	Fine to Coarse	Yes	Yes	No	Possible	No
Pneumatic Conveying	Very Heavy	Fine to Coarse	Yes	Yes	No	No	No
Roaster, Kiln, Cooler	Heavy	Medium. to Coarse	Possible	No	No	No	No
Bin Venting	Heavy	Fine to Coarse	No	Yes	No	Possible	No
MINING and POWER PLANT							
Material Handling	Moderate	Medium	Yes	Yes	No	Possible	No
Bunker Ventilation	Moderate	Fine	Possible	Yes	No	No	No
Dedusting, Air Cleaning	Heavy	Medium to Coarse	Possible	Yes	No	Yes	No
FOUNDRY							
Shakeout	Light to Moderate	Fine	No	Yes	No	Possible	No
Sand Handling	Moderate	Fine to Medium	No	Yes	No	Possible	No
Tumbling Mill	Heavy	Medium to Coarse	No	Yes	No	Possible	No
Abrasive Cleaning	Moderate to Heavy	Fine to Medium	No	Yes	No	Possible	No
GRAIN ELEVATOR, FLOUR and FEED MILL							
Grain Handling	Light	Medium	Yes	Yes	Yes	Yes	No
Grain Dryer	Light	Coarse	No	No	No	No	No
Flour Dust	Moderate	Medium	Possible	Possible	Possible	Possible	No
Feed Mill	Moderate	Medium	Possible	Possible	Possible	No	No



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METAL MINING and ROCK PRODUCTS							
Material Handling	Moderate	Fine to Medium	No	Yes	No	Possible	No
Cement Grinder	Moderate	Fine	No	Yes	No	Possible	No
Cement Clinker Cooler	Moderate	Coarse	No	Yes	No	Possible	No
METALWORKING							
Production Grinding, Scratch Brushing, Abrasive Cut Off	Light	Coarse	Yes	Yes	No	Yes	No
Portable & Swing Grinder	Light	Medium	Yes	Yes	No	Yes	No
Buffing	Light	Varies	Yes	Possible	No	Yes	No
Tool Room	Light	Fine	Possible	Yes	Yes	Yes	Yes
Cast Iron Machining	Moderate	Varies	No	Yes	No	No	Yes
Wet Machining	Moderate	Varies	No	No	Yes	No	No
Welding	Light	Fine	No	Yes	Yes	No	No
Arc & Flame Cutting	Varies	Fine	No	Yes	Possible	No	No
Abrasive Blasting	Moderate	Fine to Medium	No	Yes	No	Possible	No
Carbon Arc Gouging	Moderate to Heavy	Fine	No	Yes	Possible	No	No
Bar Machine/ Chuckers	Light to Moderate	Fine	No	No	Yes	No	Yes
Cold Header	Light	Fine	No	No	Yes	No	Possible
Die Casting	Light	Fine	No	No	Yes	No	Possible
EDM	Light	Fine	No	No	Yes	No	Possible
Metal Spraying	Heavy	Fine	Precleaner	Yes	No	No	No
Plasma/Laser Cutting	Light to Moderate	Fine	Spark Trap	Yes	No	No	No
Screw Machines	Light to Moderate	Fine	No	No	Yes	No	Yes
Transfer Line	Light	Fine	No	No	Yes	No	Yes



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Vacuum Pump	Light	Fine	No	No	Yes	No	Possible
PHARMACEUTICAL and FOOD PRODUCTS							
Mixer, Grinder, Weighing, Blending, Bagging, Packaging	Light	Medium	Yes	Yes	No	Yes	No
Coating Pan	Varied	Fine to Medium	No	Yes	No	No	No
PLASTICS							
Raw Material Processing	(See comments under chemicals)	(See comments under chemicals)	Yes	Yes	No	Yes	No
Plastic Finishing	Light to Moderate	Varies	Yes	Yes	No	Yes	No
Plastic Extrusion	Light	Fine	No	No	Yes	No	Possible
RUBBER PRODUCTS							
Mixer	Moderate	Fine	Possible	Yes	No	No	No
Batchout Roll	Light	Fine	No	Possible	Yes	No	No
Talc Dusting & Dedusting	Moderate	Medium	No	Yes	No	Yes	No
Grinding	Moderate	Coarse	Yes	Yes	Possible	No	No
WOODWORKING							
Woodworking Machine	Moderate	Varies	Yes	Yes	No	Possible	No
Sanding	Moderate	Fine	Yes	Yes	Possible	Possible	No
Waste Conveying, Hog	Heavy	Varies	Yes	Possible	No	No	No

252 Lackland Drive E. | Middlesex, NJ 08846 | (800) 327-2247
 info@clarkfiltersrus.com | www.clarkfiltersrus.com