



SUPERIOR *Abrasives*

Product Overview

HIGH QUALITY COATED AND NON-WOVEN ABRASIVES



SURFACE CONDITIONING PRODUCTS

Surface conditioning material combines the aggressive cutting action of coated abrasives with the improved finish of non-wovens. Whether you are using our FD material to obtain a specific finish or our GD material for aggressive grinding, we have the tool for you. Available in coarse, medium, very fine, and super fine grades.

Grains Offered — Aluminum Oxide & Silicon Carbide (Super Fine Only)

Products Offered — Quick Change Discs, Stars, Hook & Loop Discs, Flap Discs

Market Examples — Automotive, Aerospace, Mold & Die Shops, OEM's, Metal Fabricators, Door Hardware, Food Processing Equipment

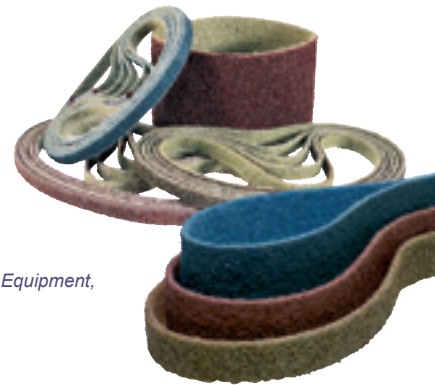
SURFACE CONDITIONING BELTS

We offer surface conditioning materials specifically designed for belt applications. Low stretch material will not slacken during use, providing measured performance with decreased downtime. Flex Grind material offers optimum flexibility for air tool use. Available in coarse, medium, very fine and super fine grades.

Grains Offered — Aluminum Oxide & Silicon Carbide (Super Fine Only)

Products Offered — Flex Belts & LS Belts

Market Examples — Automotive, Aerospace, Mold & Die Shops, OEM's, Metal Fabricators, Door Hardware, Food Processing Equipment, Strike Plates



High Strength

Heavy Duty



SATIN FINISHING PRODUCTS

Satin materials remove micro burrs while imparting matte to high-luster finishes. Combining high mineral content with flexible resin technology, these products are durable yet uniquely conformable.

Grains Offered — Aluminum Oxide & Silicon Carbide

Products Offered — Quick Change Discs, High Strength & Heavy Duty Discs, Stars, Satin Rolls, Hand Pads, Goblet Wheels

Market Examples — Food Processing Equipment, Orthotics, Gem Manufacturing, Jewelry, Thread & Gear Cleaning, Cutlery, Medical Equipment, Breweries

BUFFING PRODUCTS

This non-abrasive material is designed to carry an abrasive media such as compounds and rouges. The absorbent fibers cushion the abrasive media, giving the operator the power to finesse a high-luster to mirror finish.

Products Offered — Quick Change Discs, Mounted Flap Wheels, Hand Pads, Goblet Wheels, Cartridge Rolls

Market Examples — Automotive, Aerospace, Mold & Die Shops, OEM's, Metal Fabricators, Door Hardware, Food Processing Equipment, Strike Plates, Gem Polishing



Free! SAMPLES



CONVOLUTE & UNITIZED PRODUCTS

Convolute wheels are firm, durable tools used to debur, blend, and polish. Unitized discs, wheels, and mounted points are often softer and more conformable. They are used to clean, remove discoloration and polish. Available in a variety of grades and densities.

Grains Offered — Aluminum Oxide & Silicon Carbide

Products Offered — Quick Change Discs, Mounted & Unmounted Wheels, Mounted Points, Type-27 Discs

Market Examples — Aerospace, Mold & Die Shops, OEM's, Metal Fabricators, Door Hardware, Shaft Polishing, Strike Plates, Automotive



STRIPPING PRODUCTS

Stripping products are ideal for removing rust, paint, scale, and weld splatter. Stripping materials are extremely durable, long-lasting, and much safer to use than wire brushes.

Grain Offered — Silicon Carbide

Products Offered — Quick Change Discs, Mounted & Unmounted Wheels, Type 27 Discs

Market Examples — Automotive, Truck & Bus Repair, Boat Repair, Maintenance, Engine Rework, Welding, Oil Field & Refiners

DUPLEX WHEELS

Combining the aggressiveness of a coated flap wheel with the finishing touch of a flap brush, these wheels fill in the gap when a certain finish is needed. Available in a wide range of grits, these wheels reorient scratch patterns, remove pitting, and can apply a decorative finish.

Grain Offered — Aluminum Oxide

Products Offered — Mounted & Unmounted Wheels

Market Examples — Automotive, Appliance Manufacturing, Job Shops, Maintenance, Metal Fabrication, Welding Shops, Breweries



SATIN WHEELS

Satin wheels remove micro burrs and reorient scratch patterns for grain matching. Ideal for stainless steel, these products are essential when appearance is key. Available in coarse, medium, and fine grades.

Grains Offered — Aluminum Oxide & Silicon Carbide

Products Offered — Mounted & Unmounted Flap Brushes, Mini & Standard Mounted Disc Wheels

Market Examples — Food Equipment Manufacturing, OEM's, Appliance Manufacturing, Job Shops, Metal Fabrication, Automotive, Tire Manufacturing, Breweries

SUPERIOR
ABRASIVES

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FLAP WHEELS

Our premium flap wheels are made from 100% Egyptian cotton giving superior aggression and finish. Our "Cost Cutter" wheels utilize a poly/cotton blend which is stiffer and more durable than our premium grade with the added benefit of lower costs. Various sizes and grits available.

Grains Offered — Aluminum Oxide & Silicon Carbide

Products Offered — Mounted & Unmounted Wheels, Mini Wheels, Flap Mops

Market Examples — Job Shops, OEM's, Welding, Oil Refineries, Mold & Die Shops, Metal Fabrication

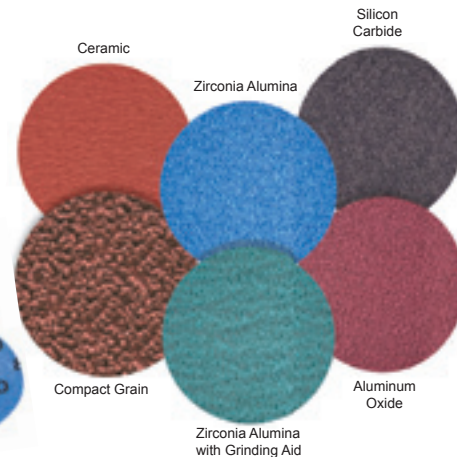


QUICK CHANGE PRODUCTS

This compact sanding solution grinds, blends, deburs, and polishes ferrous and non-ferrous materials. Available in Type "R" and Type "S" mounting systems, these products make short work of any application with only seconds needed for tool changing. Our two-ply discs provide standard performance and flexibility while our Rigid Kut® System delivers firm cutting action. Our newly introduced Kushion Kut® discs take flexibility to the next level. Various sizes and grits available with or without grinding aid.

Grains Offered — Aluminum Oxide, Silicon Carbide, Zirconium, Ceramic Alumina

Market Examples — Job Shops, OEM's, Maintenance, Metal Fabrication, Welding, Engine Builders, Mold & Die Shops, Performance Sports, Aerospace, Automotive



Type-"R" equal to Lockit®, PowerLock III®, and 3M Roloc®

Type-"S" equal to Soc-Att®, PowerLock II®, and Speed-Lok®



STIK-ON, HOOK & LOOP PRODUCTS

From 1/2" to 30" in diameter, Superior Abrasives has the widest selection of PSA and hook & loop products in stock. Cloth products are recommended for heavy deburring and grinding, while our load resistant paper products are great for wood and composite surfaces. Various sizes and grits available with or without grinding aid.

Grains Offered — Aluminum Oxide, Silicon Carbide, Zirconium, Ceramic Alumina

Products Offered — Cloth & Paper Discs, Disc Rolls, Strips & Sheets, Specialty Items

Market Examples — Job Shops, Automotive, Metal Fabrication, Furniture, Cabinetry, Countertops & the Solid Surface Market

SHOP ROLLS & 9x11 SHEETS

Superior Abrasives uses premium "J" wt. material in our rolls and sheets. Durable yet flexible these products sand, edge break, debur, and polish with extended life. Various sizes and grits available.

Grains Offered — Aluminum Oxide, Silicon Carbide

Products Offered — Shop Rolls, Production Rolls, Blue Shop Rolls, Cost Control Rolls, Resin Cloth Sheets, Emery Cloth Sheets, Crocus Cloth Sheets, Paper Sheets, Garnet & Cabinet Paper Sheets

Market Examples — Job Shops, OEM's, Maintenance, Metal Fabrication, Welding, Engine Builders, Automotive

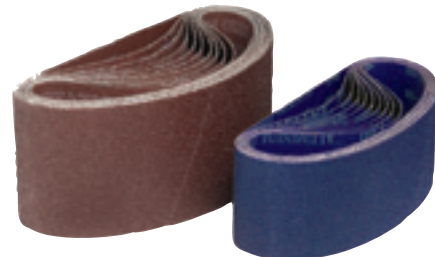


BORE POLISHERS

Uniquely Superior, these products are designed to clean, debur, smooth, and size bores and tubes. These products self-center and are perfectly balanced for effortless flush wall sanding. Various sizes and grits available.

Grains Offered — Aluminum Oxide, Zirconia Alumina

Market Examples — Automotive, Fluid Power, Aerospace, Performance Sports, Engine Builders, Tube & Pipe Manufacturing, Mold & Die Shops



COATED BELTS

A staple in any job or production shop, we offer a wide range of belt sizes and materials. Whether the work piece is metal, wood, composites, or plastics we have the tool and the ability to make any custom size. Various grits available with or without a grinding aid.

Grains Offered — Aluminum Oxide, Silicon Carbide, Ceramic, Zirconia Alumina

Products Offered — Air File Belts, Standard Belts, Wide Belts

Market Examples — Job Shops, OEM's, Maintenance, Metal Fabrication Furniture, Cabinetry, Countertops



COATED SPECIALTIES

Application needs vary from job to job. Superior Abrasives has a multitude of abrasive tools to tackle any application. You can choose from a variety of shapes, sizes, and grits from our standard line of products, or we can design a tool to fit your specifications. Whatever the job, regardless of the nook or cranny you need to finish, Superior Abrasives has the expertise to get the work done.

Grains Offered — Aluminum Oxide, Silicon Carbide, Ceramic, Zirconia Alumina

Products Offered — Square Pads, Cross Pads, Bands, Cartridge Rolls, Slotted Discs, Overlap Discs, Center Laps, Chamfering Cones, Cone Points,

Market Examples — Job Shops, OEM's, Maintenance, Metal Fabrication, Welding, Engine Builders, Mold & Die Shops, Aerospace, Wheel Manufacturing

FIBER & FLAP DISCS

Fiber discs provide aggressive cutting action to quickly and effectively remove stock or take down a weld. Flap Discs can achieve the same result with one product reducing the need to step-down grits. Each product is unique and desired in the work place. Superior has a wide variety of sizes and grits to accommodate your needs. Various grits available with or without a grinding aid.

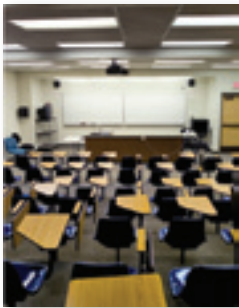
Grains Offered — Aluminum Oxide, Silicon Carbide, Ceramic, Zirconia Alumina

Products Offered — Standard & Quick Change Fiber Discs, Standard & High Density Flap Discs (Type 27 & 29 available)

Market Examples — Job Shops, OEM's, Maintenance, Metal Fabrication, Welding, Engine Builders, Mold & Die Shops



SUPERIOR
Abrasive



*Schedule a Training Seminar with one of our experienced technicians!
You will learn how Superior Abrasives can reduce cycle time and
increase productivity at the end-user level.*



*Our marketing kits allow your customers to see, touch, and use our
products. Available for a wide range of applications, these kits are
specifically designed to excite your customers about the Superior
Abrasives brand.*

SUPERIOR *Abrasives*

Mailing: P.O. Box 13086 • Dayton, Ohio 45413

Shipping: 4800 Wadsworth Road • Dayton, Ohio 45414

Order Toll-Free: 800-235-9123 • Phone: 937-278-9123 • Fax: 800-841-3441

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