

FIBRATEX SURFACE FINISHING PRODUCTS



**CARBORUNDUM
ABRASIVES**

FIBRATEX



CONVOLUTE WHEELS

CARBO CUT WHEELS

UNIFIED WHEELS

FLAP WHEELS

HAND PADS

DISCS

ROLLS

BELTS

SPONGE PADS



www.carborundumabrasives.com

Fibratex Surface Finishing Products

The Choice in Non-woven Abrasives for Deburring, Cleaning, Blending and Polishing of Metal, Wood and Non-metallic Surfaces

Fibratex products are manufactured in a broad line for use in production, maintenance and repair operations. If your application includes deburring, cleaning, scouring, blending, finishing, polishing or imparting decorative finishes, there is a Fibratex product available to do the job effectively and efficiently. Fibratex products are made of a non-woven web of man-made fibers impregnated and resin bonded with abrasive grains or a polyurethane-based material with abrasive grains bonded within the matrix. Silicon carbide and aluminum oxide abrasives are available in popular shapes and sizes in a wide variety of grits and densities.

Fibratex products are used generally at the fine end of the abrasives spectrum. While grinding wheels and coated abrasives cover a broad range of coarse grit, heavy stock removal applications through relatively fine finishes, Fibratex products extend the finishing capabilities further. They produce fine finishes with little or no stock removal – making them ideal for surface finishing.



Convolute Wheels

Fibratex Convolute Wheels are formed by wrapping Fibratex web material around a center core and bonding the layers together to create an abrasive wheel. Carborundum Abrasives offers four convolute wheel types for applications ranging from cleaning rust and oxides to heavy burr removal. Convolute wheel applications can be divided into two general categories:

CLEANING AND FINISHING

- Removing rust and oxides
- Blending weld areas on stainless steel to a #4 finish
- Applying decorative finishes, including antique finishing

DEBURRING / BLENDING / POLISHING

- Burr and flashing removal
- Blending of coated abrasive scratch patterns
- Surface roughness reduction
- Edge radiusing
- Weld polishing

Available wheels include: Clean and Finish Wheels with an open mesh for general cleaning and finishing; Deburr and Finish / Heavy Deburring Wheels for general production applications; Metal Finishing Wheels for blending and final finishing.

Unified Wheels

Fibratex Unified Wheels are formed by compressing multiple layers of Fibratex web material and bonding them together to create an abrasive wheel. Unified wheels can be readily shaped to match preformed parts and, in the smaller sizes, are ideal for reaching hard-to-get-at areas. Carborundum Abrasives offers two unified type wheels: General Duty Unified Wheels designed for blending, cleaning and finishing at slow speeds; and Deburring Unified Wheels designed for deburring, blending, cleaning and finishing at higher speeds.



Carbo Cut Wheels

Carbo Cut wheels are manufactured by bonding abrasive grain into a foamed polyurethane matrix, similar to the bonded abrasives manufacturing process. Because of this process, Carbo Cut products are offered in a wide variety of specifications to meet almost any finishing application. Carbo Cut products are ideal for use on finishing applications where stock removal is not the first objective. Some of the more common uses for Carbo Cut products include polishing, satin finishing, graining, light deburring and wood finishing.

Flap Wheels

Fibratex Flap Wheels are formed by mounting sheets of Fibratex web material around a fiber center hub... the tightly packed pieces forming the spokes of the wheel. This construction makes flap wheels the most conformable of all Fibratex wheel products... providing a cushioning action which is ideal for use on uneven or irregular surfaces, as well as flat areas. Flap wheels are available in a wide range of abrasives, grits and densities. Spindle mounted wheels and interleaf flap wheels are also available. Interleaf flap wheels are made with alternating flaps of Fibratex and coated abrasive cloth.



Hand Pads

Fibratex Hand Pads are available in eight specifications that provide a selection of abrasive, grit and backing material combinations for use on a broad range of hand applications from heavy duty cleaning through finishing to light duty polishing. Since they do not rust, these pads make an excellent replacement for steel wool pads. The popular 6" x 9" size is easily folded to fit the application.



Rolls

Fibratex Rolls are offered in a wide range of abrasive, grit and backing material combinations. Rolls provide an economical source from which the operator can cut the required sheet size for hand or machine sanding. The popular 4" and 6" widths are stocked in many abrasive/grit combinations. A boxed roll assortment is also available.



Discs

Fibratex Fast Cut and High Strength Discs with center holes are used on edge, either in singly or in ganged configurations for deburring, cleaning, blending, polishing and/or decorative finishing. Right angle discs are mounted on a back-up pad and the disc face is used for a variety of deburring, cleaning, blending and finishing applications. Right angle discs include Fibratex E-ZView discs, Grip-On surface blending discs in 2" through 8" diameters, as blank discs or in 2", 3" and 4" diameters with Speed-Lok or Rolok mechanical attachments. These discs utilize premium aluminum oxide abrasive for superior, consistent finishes.

Belts

Fibratex Belts are formed by bonding strips of Fibratex web material to an inner liner and then joining the diagonally cut ends together to form a continuous abrasive surface. Used on portable, bench and pedestal belt machines, Fibratex belts are an effective alternative to coated abrasives where the less aggressive action or cushioning characteristics of Fibratex products is desired. Applications include buffing and polishing, generating a #3 and #4 finish on stainless, grind line conditioning and satin finishing.





Fibratex Surface Finishing Product Selection

STATIONARY EQUIPMENT FIBRATEX PRODUCTS

STRAIGHT SHAFT EQUIPMENT

Bench Motor		Discs Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Floor Lathe/ Back Stand		Discs Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Pedestal Grinder		Discs Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels





BELT EQUIPMENT

Back Stand		Belts	
Stroke Grinder		Belts	
Centerless Polisher		Belts	

FEED-THROUGH EQUIPMENT





Sheet/Coil Processing Machine		Belts Convolute Wheels	Flap Wheels
Rotary Disc/ Planetary Disc Machine		Right Angle Discs	

AUTOMATED EQUIPMENT

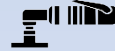


Rotary Machine		Discs, Belts Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Straight-Line Machine		Discs, Belts Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Centerless Polisher		Belts Convolute Wheels Carbo Cut Wheels	
Robotic Equipment		Right Angle Discs Carbo Cut Wheels Convolute Wheels	Flap Wheels Discs, Belts Unified Wheels

PORTABLE TOOL FIBRATEX PRODUCTS

STRAIGHT-SHAFT TOOLS

Drill Motor		Discs Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Straight-Shaft Grinder		Discs, Belts Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels
Die Grinder		Flap Wheels Carbo Cut Wheels	Unified Wheels
Flexible-Shaft Motor		Discs, Belts Convolute Wheels Carbo Cut Wheels	Flap Wheels Unified Wheels

RIGHT ANGLE TOOLS

Right Angle Grinder/ Polisher		Right Angle Discs	
Vertical Grinder		Right Angle Discs	
Right Angle Die Grinder/Mini Grinder		Right Angle Discs	

BELT TOOLS

Portable Belt Sander		Belts	
Expander Wheel		Belts	

VIBRATING TOOLS

Orbital Sander		Discs Right Angle Discs	
Straight-Line Sander		Hand Pads Rolls	

HAND PAD HOLDERS

Hand Sanding		Hand Pads Rolls	
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FIBRATEX



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