

ARC

ABRASIVES INC



Z-WEB[®]
SURFACE
CONDITIONING
PRODUCTS





Z-WEB PRODUCT LINE

ARC ABRASIVES, INC.® IS PROUD TO SHOWCASE OUR LINE OF Z-WEB™ SURFACE CONDITIONING PRODUCTS.

Z-WEB is our group of multiple high-performing, three-dimensional, nonwoven products, extending our product offering for finishing, light grinding and masking applications on materials such as stainless steel, titanium, exotic alloys and in a variety of industries including aerospace, turbine engines, metal implants, medical instruments, and metal fabrication.

Z-WEB products make tasks easier by rapidly and efficiently achieving final finishing of the part to be processed without damaging, by either excessive stock removal, overheating or smearing the base material.

Z-FLEX TECHNOLOGY

- Manufactured with engineered polyurethane resin to prevent smearing
- Open 3D structure provides the following benefits compared to conventional 2D structure of coated abrasives:
 - No gouging
 - Less loading
 - Smoother operation
 - Consistent cut and finish
 - Lower grinding temperature reduces material discoloration
- Waterproof material allows both wet and dry applications

QUICK-CHANGE DISCS

Z-WEB quick-change discs are engineered with three different styles of locking mechanisms to provide fast disc changeover.

- Ideal size and shape for working in small, restricted areas
- Small finishing footprint
- Quick and easy attachment to reduce set-up times via the ARC Quick-Lok system



HOOK & LOOP DISCS

Z-WEB surface conditioning discs are offered in a hook and loop system to provide a fast disc changeover and decrease downtime and improve productivity.

- Fast & cost-effective attachment to reduce set-up
- Good edge retention and wear resistance
- Eliminates loading on aluminum and soft metals

BELTS

Z-WEB surface conditioning belts are suitable for various grinding and sanding operations, from mild stock removal to fine finishing.

- Flexible backing for more comfortability and smoother operation
- All belts are made with high tensile strength materials to reduce stretching
- Open structure reduces loading to enable a consistent cutting action



PREDATOR™ HOOK & LOOP DISCS

This surface conditioning product is infused with PREDATOR technology to give an aggressive prep and finish, while providing fast disc changeover.

- Ideal size and shape for working in small, restricted areas
- Small finishing footprint
- Arbor hole available for consistent mounting and stability



STARS

Z-WEB surface conditioning stars are ideal for inside diameter cleaning, finishing and polishing. A variety of materials and grades are offered for several applications.

- Available with a threaded eyelet for quick tool changeover
- Flexible material with high durability
- Non-loading design for a consistent finish



CLEANING & FINISHING STARS

Cleaning and finishing stars are perfect for a deep clean or polish inside diameter surfaces for various surfaces. A variety of grades are offered for several applications.

- Available with a threaded eyelet for quick tool changeover
- Flexible material with high durability
- Non-loading design for a consistent finish



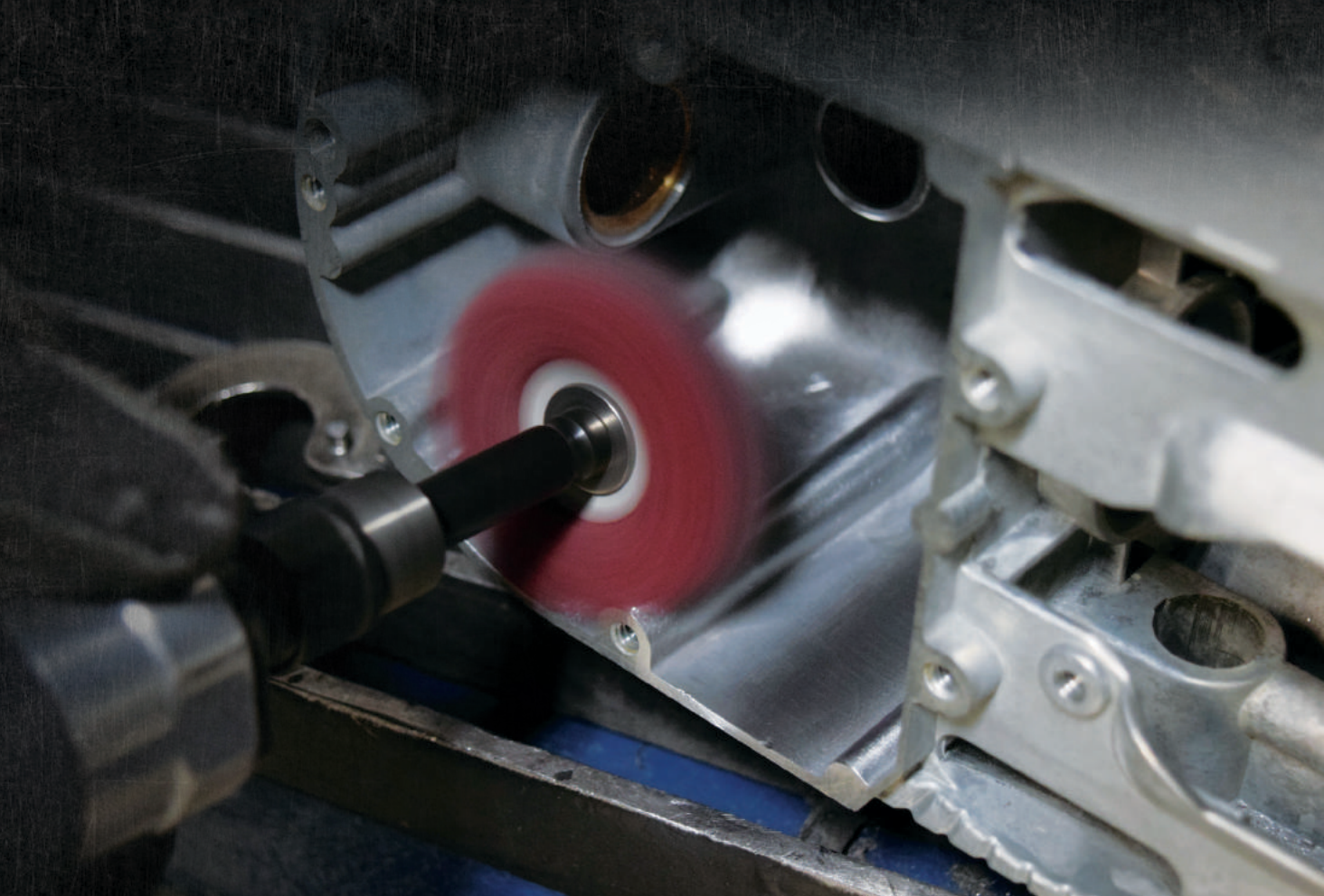
COATED & NON-WOVEN ABRASIVE MATERIAL

MATCH THE RIGHT GRAIN TO THE RIGHT APPLICATION

The cutting power of an abrasive grain is dependent upon shape, hardness, toughness and orientation. All four factors control the penetration of cut and the life of the grain.

The shape of the grain governs the cutting efficiency. Sharper grains produce a cleaner cut and tend to stay cooler during use. Blocky grains give a rougher cut and create more friction. It is understood that different applications require different types of abrasive grain.

The wear characteristics of non-woven abrasives are different from coated abrasives. In use, the abrasive grain within coated abrasives wears down and changes shape which results in different scratch patterns. With non-woven abrasives, as the product wears away, the substrate breaks down and the grain is lost which reveals a new sharp grain. This process leads to uniform finishing throughout the life of the product.



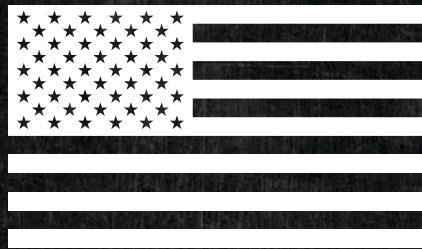


2131 Corporate Drive
Troy, Ohio **USA** 45373

call +1 937 335 5607

toll free 800 888 4885

www.arcabrasives.com



MADE IN THE USA