ARC ABRASIVES INC

SALES GUIDE

ARC© Z-WEB™ BELTS

Equipped with flexible backing and a 3D loading resistant material, Z-WEB™ belts deliver consistent cut rates and smooth finishes for high performance applications.

TARGET MARKETS

- Aerospace
- Automotive
- Food & Beverage
- Medical Instruments
- Metal Fabrication
- Vessel Manufacturing

APPLICATIONS

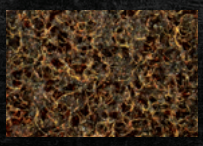
- Blending
- Finishing
- Light deburring

METALS

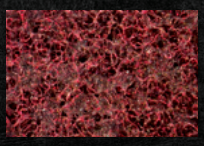
- Aluminum
- Exotic Alloys
- Stainless Steel
- Titanium

ABRASIVE GRADES

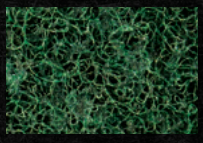
COARSE



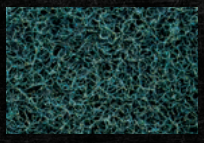
MEDIUM



FINE



VERY FINE



PERFORMANCE COMPARISON

Z-WEB™ outworks conventional non-woven abrasives and its competition with:

consistent cut rate

most flexible in market

enhanced cost-to-performance ratio

lower total cost of ownership

WHY PARTNER WITH Z-WEB

Z-WEB™ material uses proprietary formula consisting of synthetic fibers, engineered nylon, and enhanced polyurethane resin. These are needled through an open 3D web structure, giving you a competitive advantage over coated abrasives.

STRUCTURE SHOWS OPEN 3D NYLON MATERIAL

Z-WEB™ MATERIALS

COMPETITOR	PRODUCT
3M	Scotch-Brite
Merit	Surface Prep
Norton	Bear-Tex
Superior	Shur-Brite
Walter	Blendex

ZWSB – SCRIM BACK

- Open backing structure designed for high stock removal rate
- fast cutting action for fine finishing applications
- Extremely resistant to loading

ZWLS – LOW STRETCH

- Durable/closed backing that resists stretching in high tension applications
- Designed and optimized for belt production
- Smooth and consistent cut and finish throughout product life

ZWFX – Z-FLEX

- The most flexible material in the market
- Best for small, narrow belts
- High conformability to workpieces and small airfile belt sanders
- Smooth operation for handheld tools

PRODUCT	CROSS-SECTION	REINFORCEMENT	THICKNESS	FLEXIBILITY	WEIGHT
SCRIM BACK **ZWSB**		Open weave nylon scrim	Thickest Material	Least Flexible	Heaviest
LOW STRETCH **ZWLS**		Tight weave polyester scrim	↓	↓	↓
Z-FLEX **ZWFX**		(same as coated abrasive)	Thinnest Material	Most Flexible	Lightest

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