



Rapid Build-a-Belt Program

Ernö brand Sanding Belts are manufactured in-house for exemplary quality control and fast turnaround.

With virtually hundreds of sizes and types to choose from, they're durable and tough, to meet all of your grinding, sanding, finishing and polishing needs. Available in a wide range of abrasives, grits and backings, our Ernö Sanding Belts will provide a fast cut and long life. Use on ferrous and non-ferrous metals, carbon steel, stainless steel, aluminum, composites, hardwoods and more.

Need help with your selection? Contact us to discuss your requirements.

Whether you order standard Sanding Belts, or require a custom size and finish, Rapid Abrasives is **Your Source for Coarse!**



Coating Types

OPEN COAT: Refers to a coating in which 50% to 75% of the backing is covered by abrasive grain. There are voids between particles of grain which help reduce the effect of loading caused by sawdust or metal particles. Suitable for wood, plastic and non ferrous metals.

CLOSED COAT: Refers to a coating in which the entire surface of the backing is covered with abrasive grain, with no voids between particles. This is by far the most general coating in use and permits the greatest degree of stock removal and longest product life. Suitable for metal and some hard woods.

Abrasive Grain Types

ALUMINUM OXIDE	SILICON CARBIDE	ZIRCONIA ALUMINA	CERAMIC
Tough, durable man-made grain designed for long life, good wear resistance and reliable cutting performance at high speeds.	Hard, sharp manufactured grain that cuts fast, runs cool and is well suited for finishing and sanding harder, or more brittle materials.	Tough synthetic grain that delivers cool cutting, high stock removal and a self-sharpening structure for longer performance under pressure.	Ultra-tough synthetic grain with a micro-crystalline structure that provides a consistent cut, high stock removal and strong performance on hard metals under high pressure.
SUITABLE FOR: • Ferrous Metals • Non-Ferrous metals • Wood	SUITABLE FOR: • Non-Ferrous metals • Glass • Plastic/Rubber • Stone • Cast Iron • Fiberglass • Finish Sanding Wood • Stainless Steel	SUITABLE FOR: • Ferrous Metals • Non-Ferrous metals • Wood • Plastic • Rubber • Fiberglass	SUITABLE FOR: • Ferrous Metals • Non-Ferrous metals • Wood • Plastic • Rubber • Fiberglass
GRITS: 24 to 400	GRITS: 24 to 400	GRITS: 24 to 120	GRITS: 24 to 120



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Sizes: We produce belts at our plant in Cambridge, Ontario, from 1/8" wide, up to 12" wide. If you require custom sizes for your equipment, we're pleased to assist you. Because of the set-up required to manufacture custom sizes, minimum orders are required.

Speed: Lead in time is 5 to 6 days. 2 to 3 day service can be available on request.

PRODUCT SHORT CODES

#	Grain	Coating	Grind Aid	Backing	Face Colour	Belts	Rolls	Sheets	Discs
1	Aluminum Oxide	Closed	No	X Cotton	Brown	X	X	X	X
2	Aluminum Oxide	Open	No	X Cotton	Brown	X	X	X	X
3	Aluminum Oxide	Closed	No	Y Poly	Brown	X	X	X	X
4	Aluminum Oxide	Closed	No	J Cotton	Brown	X	X	X	X
5	Zirconia	Closed	No	Y Poly	Blue	X	X	X	X
6	Zirconia	Closed	Yes	Y Poly	Green	X	X	X	X
7	Ceramic	Closed	Yes	Y Poly	Orange	X	X	X	X
8	Silicon Carbide	Closed	No	Y Poly	Black	X	X	X	X

Custom Sizes/Quantities

Belt Width	Min.
< 3/4" File Sizes	50
> 3/4" longer than 24"	24
1"	24
1-1/2"	16
2"	12
2-1/2"	12
3"	12
4"	6
4-1/2" to 5-1/2"	6
6"	6
8 to 12"	4

Product Descriptions

- #1** Versatile, closed-coat Aluminum Oxide cotton-backed material, suitable for rough grinding and deburring of hardwoods and regular carbon steel.
- #2** Open-coat polyester-back Aluminum Oxide material, suitable for intermediate sanding in woodworking, as well as ferrous metal applications requiring an open-coat structure.
- #3** Closed-coat polyester-back Aluminum Oxide material, tear-resistant, for coarse and intermediate grinding on metal.
- #4** Closed-coat Aluminum Oxide, J-weight flexible cotton material for sanding profiled work pieces, with particular suitability for metal working applications.
- #5** Closed-coat Zirconia abrasive sanding material, with a heavy polyester back; suitable for rough grinding of stainless steel and carbon steel, where high stock removal rates are required.
- #6** Similar to #5 Zirconia material, but with the addition of a grinding aid to promote cool cutting and belt longevity.
- #7** Closed-coat Ceramic for rugged applications in steel and stainless steel. Great for coarse grinding applications.
- #8** Closed Coat Silicon Carbide for Floor Sanding and finishing of non-ferrous metals.