

CATEGORY DEFINITION

For many non-stock belts, FastTrack Service Centers offer all the benefits of an ISO 9001 quality manufacturer and the advantages of a coated abrasives express belt service. As the industry leader of abrasive belts, our FastTrack Service offers an extensive range of Norton made-to-order belts including Norton SG ceramic alumina, NorZon zirconia alumina, and versatile aluminum oxide and silicon carbide belts.

Also available in FastTrack are a full line of Merit brand belts. Merit belts have been developed with one simple goal in mind: to provide you economically-priced ceramic alumina, zirconia alumina, aluminum oxide and silicon carbide belts to meet a wide range of applications.

Manufacturing lead-time is two days for narrow belts (1/2" – 12" wide) and five days for wide belts (14 – 52" wide"). Please see the FastTrack chart below for complete details on availability and lead-times.

FASTTRACK AVAILABILITY AND LEADTIME INFORMATION

WIDTH	GRIT SIZE	MIN. PKG.	STD. PKG.	MAX. QTY.	LEAD-TIME
Narrow Belts (25" & longer)					
1/2" up to 1"	All	50	200	400	2 Days
Over 1" up to 5"	All except*	10	50	100	2 Days
*Exceptions:					
Over 1" up to 4"	50 and coarser	25	50	100	
Lengths 109" – 168"	60 and finer	50	50	100	
Over 5" up to 9"	All	10	20	40	2 Days
Over 9" up to 12"	All	10	10	20	2 Days

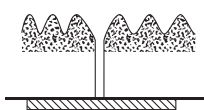
8" x 107" AND 9" x 107" BELTS ARE NOT AVAILABLE FROM FASTTRACK SERVICE

WIDTH	GRIT SIZE	MIN. PKG.	STD. PKG.	MAX. QTY.	LEAD-TIME
Wide Belts					
Over 14" up to 20"	50 and coarser	5	10	20	5 Days
	60 and finer	10	10	20	5 Days
Over 20" up to 52"	36 and coarser	2	2	4	5 Days
	40 – 80	3	3	6	5 Days
	100 and finer	5	5	10	5 Days

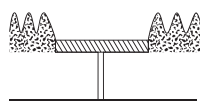
HOW TO ORDER

- Provide a full description of belt required, including:
 - Quantity, Size, Specification (abrasive/CAP Code, grit size, flex, and joint)
- Verify that quantity is within FastTrack order limits
- Call customer service for optional joint availability

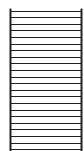
FASTTRACK STANDARD BELT JOINT AND FLEX INFORMATION



BJ (Butt Joint) – A conventional butt joint with an extra strong patch to eliminate joint breakage. Can be straight or wave.

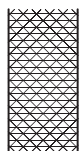


CJ (Channel Joint) – Preferred for woodworking. Supplied on selected F-wt. wide paper belts only. The patch material is inlaid into the top of the belt, making the thinnest, smoothest-running butt joint possible, which minimizes bumping and chattering, with no loss of strength.



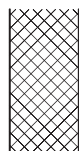
RR (Single Flex)

- Flex lines are perpendicular (90° angle) to the edge of the belt, creating a horizontal line pattern, providing flexibility in the lengthwise direction



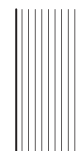
TF (Triple Flex)

- A combination of Single Flex and Double Flex
- It is specified on applications requiring maximum product conformability



CF (Cross Flex)

- Flex lines are at a 45° angle to the edge of the belt, making a series of diamond-shaped lines.



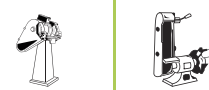
LF (Linear Flex)

- The bond is broken in the direction of the belt length, providing good product conformability with long life



BELT SPECIFICATIONS AND AVAILABILITY

TIER	PRODUCT CAP CODE	SHAPE AVAILABILITY	GRIT SIZE	ABRASIVE GRAIN	BACKING	STANDARD JOINT	STANDARD FLEX	APPLICATIONS
METALWORKING								
NORTON								
Best	R940P	Narrow, Wide	24-50	Norton SG Ceramic Alumina	H-wt. Polyester	BJ	RR	Highest-performing belt design, ceramic alumina abrasive with a heavy-duty H-wt. polyester backing enhanced with grinding aid for long life and cool cutting on alloyed metals.
Best	R980P	Narrow, Wide	24-120	Norton SG Ceramic Alumina	Y-wt. Polyester	BJ	RR	Latest-generation Norton SG grain, supersized and designed for high-performance grinding on stainless and other alloys
Best	R981	Narrow, Wide	36-120	Norton SG Ceramic Alumina	Y-wt. Polyester	BJ	RR	Norton SG grain supersized for grinding and finishing heat-sensitive alloys
Best	R984	Narrow, Wide	36-120	Norton SG Ceramic Alumina	Y-wt. Polyester	BJ	RR	Norton SG grain supersized for medium-pressure grinding and finishing heat-sensitive alloys
Best	R949	Narrow	50-120	Norton SG Ceramic Alumina	X-wt. Polyester	BJ	LF	Norton SG grain on lighter backing for moderate-pressure applications
Best	R945	Narrow	P80-P220	Norton SG Ceramic Alumina	J-wt. Polyester	BJ	LF	Norton SG grain on flexible, lightweight backing for moderate- to light-pressure applications
Better	R840	Narrow, Wide	24, 36, 40	NorZon Zirconia Alumina	H-wt. Polyester	BJ	RR	Zirconia grain on heavier-weight backing for high-pressure metalworking applications
Better	R884	Narrow, Wide	24, 36-80	NorZon Zirconia Alumina	Y-wt. Polyester	BJ	RR	Newest-generation NorZon grain designed for medium- to high-pressure grinding
Better	R887	Narrow, Wide	24, 36-120	NorZon Zirconia Alumina	Y-wt. Polyester	BJ	RR	Newest-generation NorZon grain, supersized and designed for medium- to high- pressure grinding of heat-sensitive alloys
Better	R823	Narrow, Wide	60-220	NorZon Zirconia Alumina	X-wt. Polyester	BJ	RR	NorZon grain on lighter backing designed for light to medium grinding
Good	R247	Narrow, Wide	24-120,	Ceramic-coated Aluminum Oxide	Y-wt. Polyester	BJ	RR	Ceramic-coated aluminum oxide provides higher performance than standard aluminum oxide
Good	R249	Narrow, Wide	P60-P120 P150-P400	Aluminum Oxide	X-wt. Polyester	BJ	LF RR	Higher-performance aluminum oxide with P-graded grain and strong polyester backing for mild steel
Good	R228	Narrow, Wide	24-320	Aluminum Oxide	X-wt. Cotton	BJ	RR	Initial starting specification for all metalworking applications
Good	MX240	Narrow, Wide	P60-P150	Aluminum Oxide	X-wt. Poly/Cotton	BJ	CF RR	P-graded heat-treated aluminum oxide X-wt. cloth with strong, but flexible, cotton/polyester backing making it an ideal multi-purpose product
Good	R222	Narrow	P80-P320, P400, P600	Aluminum Oxide	J-wt. Cotton	BJ	TF	Aluminum oxide on flexible, lightweight cotton backing for moderate- to light-pressure applications on mild steel
Good	R245	Narrow	P80-P240, P320, P400	Aluminum Oxide	J-wt. Polyester	BJ	LF	Aluminum oxide on flexible, lightweight polyester backing for moderate- to light- pressure applications on mild steel
Good	K225	Narrow	P80-P320 P400, P600	Aluminum Oxide	J-wt. Cotton	BJ	RR	Aluminum oxide on the most flexible, lightweight cotton backing for light-pressure applications on mild steel
Good	KF376	Narrow	P80-P320 P400, P600	Aluminum Oxide	J-wt. Cotton	BJ	TF	P-graded, heat-treated aluminum oxide with ceramic coating on a very flexible backing for use wherever flexibility and conformability are needed
Good	R480	Narrow	P80-P120	Silicon Carbide	Y-wt. Polyester	BJ	LF	Sharp, silicon carbide grain on strong polyester backing for grinding very hard materials – glass, stone, solid surface
Good	R445	Narrow	60-220	Silicon Carbide	X-wt. Polyester	BJ	RR	Sharp, silicon carbide grain on medium polyester backing for grinding very hard materials – glass, stone, solid surface
Good	U242	Narrow, Wide to 24"	X4, X16, X22, X30, X45, X65	Aluminum Oxide	J-wt. Cotton	BJ	CF	High-performance, multi-layered NORaX grain on very flexible backing for dry polishing applications
MERIT								
Best	SY965	Narrow, Wide	36-120	Ceramic Alumina	Y-wt. Polyester	BJ	RR	Ceramic alumina grain supersized for medium-pressure grinding and finishing heat-sensitive alloys
Better	SY603	Narrow, Wide	36-120	Zirconia Alumina	Y-wt. Polyester	BJ	RR	Zirconia alumina abrasive with a Y-wt. polyester backing and a grinding aid for weld removal and finishing of hard-to-grind materials; waterproof
Better	SY695	Narrow, Wide	24-80	Zirconia Alumina	Y-wt. Polyester	BJ	RR	Zirconia alumina grain designed for medium- to high-pressure grinding
Better	SX695	Narrow, Wide	60-220	Zirconia Alumina	X-wt. Polyester	BJ	RR	Zirconia alumina grain on lighter backing designed for light to medium grinding
Good	SY395	Narrow, Wide	24-120	Ceramic-coated Aluminum Oxide	Y-wt. Polyester	BJ	RR	Ceramic-coated aluminum oxide grain provides higher performance than standard aluminum oxide
Good	SX395	Narrow, Wide	P60-P240, P320, P400	Aluminum Oxide	X-wt. Polyester	BJ	RR	Higher-performance P-graded aluminum oxide grain and strong polyester backing for mild steel
Good	KX375	Narrow, Wide	36-240, 320	Aluminum Oxide	X-wt. Cotton	BJ	RR	Initial starting specification for all metalworking applications



BELT SPECIFICATIONS AND AVAILABILITY

TIER	PRODUCT CAP CODE	SHAPE AVAILABILITY	GRIT SIZE	ABRASIVE GRAIN	BACKING	STANDARD JOINT	STANDARD FLEX	APPLICATIONS
WOODWORKING								
NORTON								
Best	R989	Narrow, Wide	P80-P180	Norton SG Ceramic Alumina	Y-wt. Cotton	BJ	RR	Norton SG ceramic alumina grain with anti-static coating for sanding and finishing applications
Best	R955	Narrow	P36-P120	Norton SG Red Head R955	Y-wt. Cotton	BJ	RR	100% ceramic alumina abrasive with Y-wt. cloth backing for dimensioning, intermediate sanding of wood
Best	R938	Narrow,	P100, P120, P180	Norton SG Ceramic Alumina	X-wt. Cotton	ES	RR	Norton SG ceramic alumina grain on cotton for edge, dead head and profile sanding
Best	H968	Narrow, Wide	P80-P220	Norton SG Ceramic Alumina	F-wt. Paper	CJ	CF	Norton SG ceramic alumina belt for high-performance woodworking applications
Better	R811	Narrow, Wide	24, 36-120	NorZon Zirconia Alumina	Y-wt. Cotton	BJ	RR	NorZon open-coat product recommended for dry low-pressure applications or where loading is a problem
Good	R216	Narrow, Wide	P60-P180	Aluminum Oxide	Y-wt. Cotton	BJ	RR	Higher-performance P-graded aluminum oxide grain with durable polyester backing
Good	R215	Narrow, Wide	50-180	Aluminum Oxide	X-wt. Cotton	BJ	RR	Initial starting specification for all woodworking applications where loading is a problem
Good	R236	Narrow, Wide to 28"	P80-P150	Aluminum Oxide	X-wt. Cotton	ES*	RR	Anti-static belt designed for profile sanding of moderate shapes
Good	R422	Narrow	50-120	Silicon Carbide	X-wt. Cotton	BJ	RR	Initial starting specification for all woodworking applications where loading is not an issue
Good	H248	Narrow, Wide	P120-P320, P400	Aluminum Oxide	F-wt. Paper	CJ	CF to 37" RR > 37"	Anti-static wood sanding product
Good	H258	Narrow, Wide	P80-P180	Aluminum Oxide	F-wt. Paper	CJ	CF to 37" RR > 37"	Anti-static wood sanding product
MERIT								
Better	KY685	Narrow, Wide	36, 50, 80-120	Zirconia Alumina	Y-wt. Cotton	BJ	RR	Zirconia alumina open-coat product recommended for dry, low-pressure applications or where loading is a problem
Good	KX395	Narrow, Wide	60-220	Aluminum Oxide	X-wt. Cotton	BJ	RR	Initial starting specification for all woodworking applications where loading is a problem
Good	KX875	Narrow, Wide	24-220	Silicon Carbide	X-wt. Cotton	BJ	RR	Initial starting specification for all woodworking applications where loading is not an issue
Good	P55FOP	Narrow, Wide	P80-P220	Aluminum Oxide	F-wt. Paper	CJ	CF to 37" RR > 37"	Anti-static wood sanding product
Good	P55F	Narrow, Wide	P80-P220	Aluminum Oxide	F-wt. Paper	CJ	CF to 37" RR > 37"	Recommended for narrow and wide belt sanding of hardwoods

* ES (EDGE SANDING JOINT): AN OVERLAPPING (FOR STRENGTH) JOINT WITH THE GRAIN SMOOTHLY REMOVED (SKIVED) AT THE OVERLAP FOR SNAG-FREE RUNNING

