

COATED ABRASIVE BELTS

**NORTON
ADVANTAGE**

Coated Abrasive Belts

Grindwell Norton offers the widest range of Coated Abrasive Belts for the industry. Be it a narrow belt for a portable machine or a large wide belt for stainless steel coil finishing, Grindwell Norton has a product for every application and performance category.

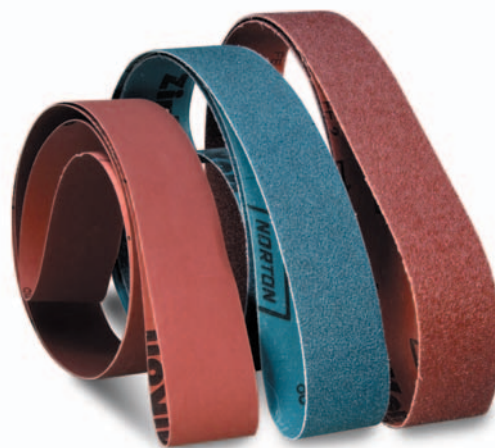


Narrow Belts

Grindwell Norton offers the following products for most dimensioning, intermediate grinding and polishing applications.

PRODUCT OFFERINGS

- ▶ NORTON ZirKon R809 Belts
- ▶ NORTON alKon Premium R209 Belts
- ▶ NORTON alKon R265 Belts
- ▶ NORTON silKon R409 Belts



NORTON ZirKon R809 Narrow Belts

TYPICAL APPLICATIONS

- ▶ **Benchstand and Backstand Belts**
 - De-burring - Fins, runners and risers in castings
- ▶ **Centreless, Conveyor and Platen Belts**
 - Intermediate grinding of stainless steel and carbon steel
 - Scouring metal surfaces for better adhesion in coil grinding application



Industry	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel
Usage	●	●	●	●	●
	● Direct Use ● Probable Use				

NORTON ZirKon R809 NARROW BELTS

FEATURES

- ▶ Premium Zirconia Alumina grains
- ▶ Premium synthetic backing
- ▶ Unique coating process

BENEFITS

- ▶ Very high cut rate; Long life; Cooler cutting
- ▶ Greater resistance to tear;
- ▶ Can withstand high grinding pressure
- ▶ Close koted grains ensure high cut rate with an acceptable finish

COATED ABRASIVE BELTS

NORTON aKON Premium R209 Narrow Belts



TYPICAL APPLICATIONS

- ▶ **Benchstand and Backstand Belts**
 - Heavy stock removal on forged components like hand tools and castings
 - Grinding and de-burring of aluminium castings
 - Blending, dimensioning and shaping of brass castings like sanitary ware fittings
- ▶ **Centreless, Conveyor and Platen Belts**
 - Intermediate grinding of stainless and carbon steel
 - Moderate pressure applications in furniture sanding

Industry	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Leather
Usage	●	●	●	●	●	●
	● Direct Use	● Probable Use				

NORTON aKON PREMIUM R209 NARROW BELTS

FEATURES

- ▶ Tough Premium Aluminum Oxide grain
- ▶ Premium synthetic backing
- ▶ Unique coating process

BENEFITS

- ▶ Good for medium to high pressure applications; Long life; Good cut rate
- ▶ High strength; Resistance to tearing;
- ▶ Ability to withstand high grinding pressure
- ▶ Ensures high cut rate at an acceptable finish



COATED ABRASIVE BELTS

**NORTON
ADVANTAGE**

NORTON alkon R265 Narrow Belts

Industry	Primary Auto	Metal Fabrication	Non Auto Castings	Non Auto Forgings	Steel	Glass
Usage	●	●	●	●	●	●
	● Direct Use	● Probable Use				



TYPICAL APPLICATIONS

- ▶ **Benchstand and Backstand Belts**
 - Grinding and de-burring of all metals
 - Final polishing of forged components like hand tools
 - Blending and shaping of brass castings like sanitary ware fittings
- ▶ **Centreless, Conveyor and Platen Belts**
 - Intermediate grinding of stainless steel and carbon steel
 - Glass edge bevelling
 - Moderate pressure applications in furniture sanding
- ▶ **Portable File Belts**
 - Finishing, contour and shape sanding of all metallic surfaces where flexibility and ability to grind hard-to-reach areas is a requirement



NORTON alKon R265 NARROW BELTS

FEATURES

- ▶ Tough Aluminum Oxide grain
- ▶ Flexible Cotton backing
- ▶ High base adhesion

BENEFITS

- ▶ Good for medium to high pressure applications
- ▶ Strength combined with flexibility for grinding over the edge of the contact wheel
- ▶ Resistance to grain shedding

TechTips



- ▶ Use a smooth contact wheel for finishing operations and use a hard serrated contact wheel for stock removal operations.
- ▶ For fine finishing, use a grinding aid.
- ▶ For contact wheel grinding, choose a close kote product specification.
- ▶ For low pressure grinding, use an open kote product specification.
- ▶ Portable belts are a superior and quicker option to conventional filing.
- ▶ For sanding on flat surfaces like wooden floors, use portable belt sanders with platen.

COATED ABRASIVE BELTS

NORTON silikon R409 Narrow Belts



Industry	Metal Fabrication	Steel	Glass
Usage	●	●	●
	● Direct Use	● Probable Use	

TYPICAL APPLICATIONS

- ▶ **Centreless, Conveyor and Platen Belts**
 - Glass edge bevelling
 - Dimensioning and finishing of steel coils



NORTON silikon R409 NARROW BELTS

FEATURES

- ▶ Sharp Silicon Carbide grain
- ▶ Unique coating method
- ▶ Premium synthetic backing

BENEFITS

- ▶ Ideal for sanding of MDF / Particle Board
- ▶ Close koted grains ensure high cut rate with an acceptable finish
- ▶ High strength backing
- ▶ Can be used for wet applications too

STOCK AVAILABILITY TABLE

Narrow Coated Abrasive Belts

SIZE Width X Length	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
20 X 520	60	R209	100	AB 150
50 x 2000	36	R809	50	ZB 1
50 x 2000	60	R809	50	ZB 3
50 x 2000	80	R809	50	ZB 4
50 x 3500	60	R809	45	ZB 13
75 x 3500	36	R809	20	ZB 21
75 x 3500	60	R809	30	ZB 23
50 x 2000	36	R209	50	AB 1
50 x 2000	60	R209	50	AB 3
50 x 2000	80	R209	50	AB 4
50 x 2000	120	R209	50	AB 5
50 x 2000	220	R265	50	AB 7
50 x 2000	320	R265	50	AB 8
50 x 3500	60	R209	45	AB 13
50 x 3500	80	R209	45	AB 14
50 x 3500	120	R209	45	AB 15

SIZE Width X Length	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
50 x 3500	220	R229	45	AB 17
50 x 3500	320	R265	45	AB 18
50 x 3500	400	R265	45	AB 19
75 x 3500	36	R209	20	AB 21
75 x 3500	60	R209	30	AB 23
75 x 3500	120	R209	30	AB 25
75 x 3500	220	R229	30	AB 27
75 x 3500	320	R265	30	AB 28
75 x 3500	400	R265	30	AB 29
150 X 7770	60	R209	5	AB 93
150 X 7770	80	R209	5	AB 94
150 X 7770	120	R209	5	AB 95
150 x 1220	36	R209	30	AB 41
150 x 1220	60	R209	30	AB 43
150 x 1220	80	R209	30	AB 44
300 x 1830	24	R209	10	
300 x 1830	36	R209	10	

Note: Grit 24 available in R409 CAP only. Grits 150, 180, 220, 320, 400 & 600 available in R265 CAP only.

COATED ABRASIVE BELTS

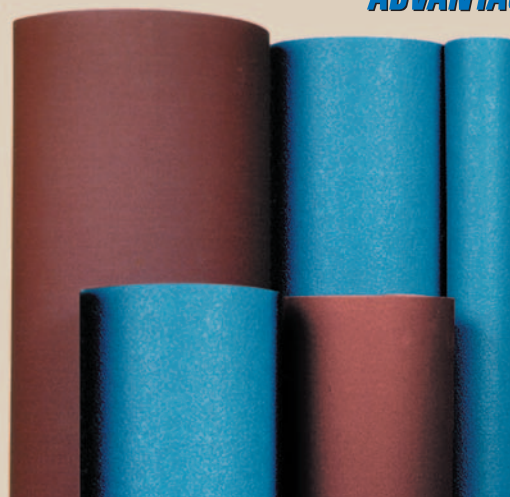
**NORTON
ADVANTAGE**

Wide Belts

Grindwell Norton offers the following stock products to meet wide belt needs in the woodworking and metalworking industries.

PRODUCT OFFERINGS

- ▶ NORTON alKon Premium R209 Belts
- ▶ NORTON Metalite R206 Belts
- ▶ CORA S88XL Belts
- ▶ NORTON silKon R409 Belts
- ▶ NORTON ZirKon R809 Belts
- ▶ NORTON Adalox Antistatic H231 & H189 Paper Wide Belts



COATED ABRASIVES

NORTON alKon Premium R209 Cloth Wide Belts

Industry	Steel	Boards & Laminates
Usage	●	●
	● Direct Use	● Probable Use



TechTips



- ▶ For heavy stock removal on wide belts, use only close coated belts for the product to resist the high grinding pressure.

TYPICAL APPLICATIONS

- ▶ **METALWORKING**
 - Conveyor grinding
 - Polishing steel coils
 - De-burring of large flat plates
- ▶ **WOODWORKING**
 - Calibration and intermediate sanding of plywood
 - Abrasive planing and dimensioning of glued-up stock

NORTON alKon PREMIUM R209 CLOTH WIDE BELTS

FEATURES

- ▶ Tough Premium Aluminum Oxide grain
- ▶ Premium synthetic backing
- ▶ Uniformly close koted grains
- ▶ High strength polyester tape joint for wide belts

BENEFITS

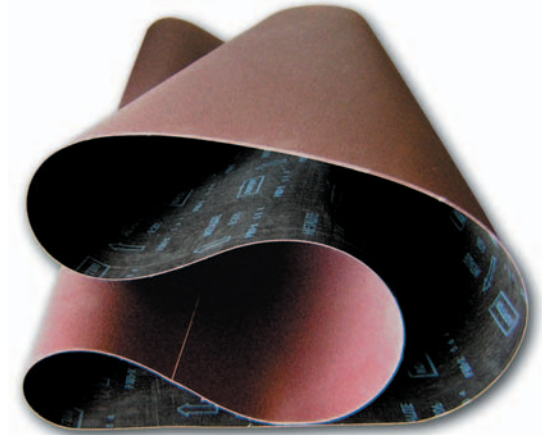
- ▶ Good for medium to high pressure applications; Long life; Good cut rate.
- ▶ High strength; Resistance to tearing; Ability to withstand high grinding pressure & uniform grain coating.
- ▶ High cut rate at an acceptable finish
- ▶ Fine scratch-free finishes
- ▶ Smooth bump and trouble-free operation

COATED ABRASIVE BELTS

NORTON Metalite R206 Wide Cloth Belts

TYPICAL APPLICATIONS

- ▶ **Metalworking**
 - Large plate dimensioning
 - Steel coil polishing
 - CRCA sheet deburring
- ▶ **Woodworking**
 - Calibration
 - Abrasive planing and dimensioning of glued-up stock and particle board



Industry	Metal Fabrication	Boards & Laminates
Usage	●	●
	● Direct Use	● Probable Use

NORTON Metalite R206 Belts

FEATURES

- ▶ High Performance Aluminum Oxide grain
- ▶ Strong Polycotton backing
- ▶ Double resin bond structure
- ▶ Wide Grit range

BENEFITS

- ▶ Good for medium to high pressure applications
- ▶ Robust backing - strength combined with flexibility for grinding
- ▶ Resistance to grain shedding
- ▶ Suitable for applications from roughing to finishing

CORA S88XL Wide Cloth Belts

TYPICAL APPLICATIONS

- ▶ **Woodworking**
 - Calibration on particle board applications
 - Laminate back scouring
 - Abrasive planing and dimensioning of glued-up stock and banded particle board



Industry	Steel	Boards & Laminates
Usage	●	●
	● Direct Use	● Probable Use

CORA S88XL BELTS

FEATURES

- ▶ Sharp Premium Silicon Carbide grain
- ▶ Premium polyester backing
- ▶ Special Anti-static treatment
- ▶ High strength polyester tape joint for wide belts

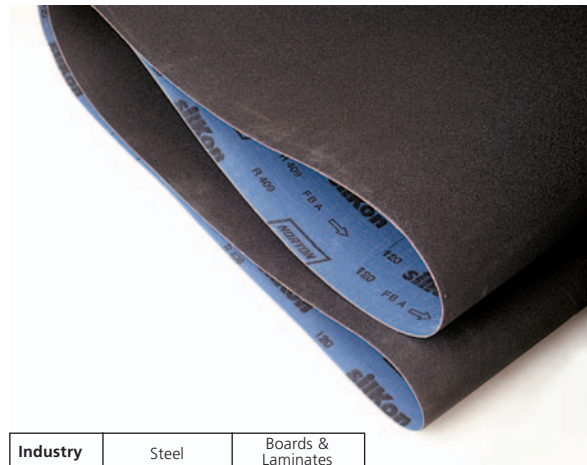
BENEFITS

- ▶ Good for medium to high pressure applications; Long life.
- ▶ High strength; Resistance to tearing; Ability to withstand high grinding pressure & uniform grain coating.
- ▶ Dissipates static electricity.
- ▶ Prevents sanding swarf from sticking to the belt
- ▶ Smooth trouble-free operation

COATED ABRASIVE BELTS

**NORTON
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NORTON silKon R409 Wide Cloth Belts



TYPICAL APPLICATIONS

- ▶ **Woodworking**
 - Calibration on particle board applications
 - Laminate back scouring
- ▶ **Rubber**
 - Back scouring of rubber re-treads

Industry	Steel	Boards & Laminates
Usage	●	●
	● Direct Use	● Probable Use

NORTON silKon R409 WIDE CLOTH BELTS

FEATURES

- ▶ Sharp Silicon Carbide grain
- ▶ Premium synthetic backing
- ▶ Wide grit range
- ▶ High strength polyester tape joint for wide belts
- ▶ Uniformly close koted grain

BENEFITS

- ▶ Ideal for sanding of MDF / Particle Board
- ▶ High strength; Resistance to tearing; Ability to withstand high grinding pressure & uniform grain coating
- ▶ Suitable for applications from roughing to finishing
- ▶ Smooth trouble-free operation
- ▶ High cut rate at acceptable finish
Fine scratch-free finishes

NORTON ZirKon R809 Wide Cloth Belts

TYPICAL APPLICATIONS

- ▶ **Metalworking**
 - SS/CRCA coil polishing - No. 4 finish generation
- ▶ **Woodworking**
 - Calibration of particle board applications
 - Laminate back scouring



Industry	Steel	Boards & Laminates
Usage	●	●
	● Direct Use	● Probable Use

NORTON ZirKon R809 BELTS

FEATURES

- ▶ Premium Zirconia Alumina grain
- ▶ Premium synthetic backing
- ▶ High strength polyester tape joint for wide belts
- ▶ Uniformly close koted grain

BENEFITS

- ▶ Tough sharp grain suited for roughing operations on MDF / Particle Board
- ▶ High strength; Resistance to tearing; Ability to withstand high grinding pressure & uniform grain coating
- ▶ Smooth trouble-free operation
- ▶ High cut rate at acceptable finish
Fine scratch-free finishes

COATED ABRASIVE BELTS

NORTON Adalox Antistatic H231 & H189 Paper Wide Belts



TYPICAL APPLICATIONS

- ▶ **Woodworking**
 - Calibration & finishing heads on rubber wood and plywood board applications
 - Stroke sanding on plywoods

Industry	Boards & Laminates
Usage	●
	● Direct Use ● Probable Use

NORTON ADALOX ANTISTATIC H231 PAPER WIDE BELTS

FEATURES

- ▶ Blocky & Friable White Aluminum Oxide grain
- ▶ Uniform ESU coating
- ▶ Open Kote & Antistatic
- ▶ Heavy weight paper
- ▶ Resin bond

BENEFITS

- ▶ Fine finishes and Long life on Wood
- ▶ Scratch-free finish
- ▶ Less Loading
- ▶ Strength to resist tearing
- ▶ Heat resistant

NORTON ADALOX ANTISTATIC H189 PAPER WIDE BELTS

FEATURES

- ▶ Blocky & Friable White Aluminum Oxide grain
- ▶ Uniform ESU coating
- ▶ Close Kote & Antistatic
- ▶ Heavy weight paper
- ▶ Resin bond

BENEFITS

- ▶ Fine finishes and Long life on Wood
- ▶ Scratch-free finish
- ▶ Less Loading
- ▶ Strength to resist tearing
- ▶ Heat resistant

STOCK AVAILABILITY TABLE

Coated Abrasive Belts for Woodworking

SIZE WIDTH X LENGTH	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
1320 x 1900	36	R809	5	WZ 11
1320 x 1900	60	R809	5	WZ 13
1320 x 1900	24	R409	5	WS 10
1320 x 1900	36	R409	5	WS 11
1320 x 1900	60	R409	5	WS 13

TechTips



- ▶ For final finishing of pre-laminated MDF & Particle Board, choose Butt jointed belts.
- ▶ While changing the width of boards being sanded, change the belt to avoid a pattern on the job.