

Grindwell Norton offers the widest range of Fibre, Paper, Cloth and Film backed Coated Abrasive Discs for portable tools. Be it a disc for Rotary Grinder, Dual Action Sander on portable machine or Hand Sanding, Grindwell Norton has a product for every application and performance category.

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



PRODUCT OFFERINGS

▶ **FIBRE DISCS**

NORTON alKon F224
NORTON ZirKon F822
NORTON silKon F424 and F422

▶ **CLOTH BACKED DISCS (Velcro or PSA backed)**

NORTON ZirKon R809 and R824
NORTON alKon Premium R209
NORTON alKon R265

▶ **PAPER BACKED DISCS (Velcro or PSA backed)**

NORTON Adalox Antistatic H231 and H189
NORTON No-Fil A275
NORTON Adalox A270

▶ **FILM BACKED DISCS (Velcro or PSA backed)**

NORTON No-Fil Micro-finishing Film Q130
NORTON Q132 Polyester Film Discs

Fibre Discs

Grindwell Norton offers a complete line of high performance fibre discs that are designed to give optimal cut rate, finish and life. To meet the challenge of increasing productivity and lowering costs, Grindwell Norton offers the following types of fibre discs:

- ▶ **NORTON ZirKon F822**
- ▶ **NORTON alKon Gold F224**
- ▶ **NORTON silKon Wood-working F422 and F424**

These fibre discs incorporate a strong resin bond system with a heavy duty vulcanized fibre backing in their design for increased strength, durability and tear resistance. Norton fibre discs are designed for a consistent cut rate and uniform finish throughout their operating life.



NORTON ZirKon Fibre Discs

These premium fibre discs offer the customer unparalleled performance in applications wherever rapid material removal is required.



Industry	Primary Auto	Auto After	Metal Fabrication	Furniture & Decorative
Usage	●	●	●	●
	● Direct Use	● Probable Use		

TYPICAL APPLICATIONS

- ▶ **Automotive Weld Shops**
 - Weld & Braze Blending
 - Metal Mismatch
- ▶ **Heavy Fabrication (Vessels, Heat Exchangers) -**
 - Weld Blending
 - Cladding Burr removal
 - Gas Cut Surface Blending
- ▶ **Automotive Machine Shops**
 - Gear De-burring

NORTON ZirKon FIBRE DISCS, F822

FEATURES

- ▶ Premium Friable Zirconia Alumina abrasive
- ▶ High strength backing
- ▶ Unique individual ESU coating process

BENEFITS

- ▶ High cut rate
- ▶ Long lasting
- ▶ Cooler cutting
- ▶ Tear resistant
- ▶ No breakage during operation
- ▶ Uniform surface finish
- ▶ Minimal grain shedding

STOCK AVAILABILITY TABLE

ZirKon Coated Discs (Fibre Backed) "ZC" Series

SIZE DIA X BORE	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
180 X 22.23	24	F822	100	ZC 1
180 X 22.23	36	F822	100	ZC 2
180 X 22.23	60	F822	100	ZC 3
180 X 22.23	80	F822	100	ZC 9
180 X 22.23	120	F822	100	ZC 10
125 x 22.23	24	F822	100	ZC 21
125 x 22.23	36	F822	100	ZC 22
125 x 22.23	60	F822	100	ZC 23
100 x 16.00	24	F822	100	ZC 31
100 x 16.00	36	F822	100	ZC 32
100 x 16.00	60	F822	100	ZC 33

ZirKon Peripheral Coated Discs (Fibre Backed) "ZC" Series

SIZE DIA X BORE	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
180 x 22.23	24	F822	100	ZC 4
180 x 22.23	36	F822	100	ZC 5
180 x 22.23	60	F822	100	ZC 6

Notes:

- ▶ Fully coated discs will have an uncoated portion of 70 mm dia at the centre.
- ▶ Peripheral coated discs will have an uncoated portion of 90mm dia at the centre.



NORTON aKON Gold Fibre Discs

NORTON aKON Gold Fibre Discs are the best suited for applications where surface finish is important and the grinding pressures are low.



TYPICAL APPLICATIONS

- ▶ **2 Wheeler Automotive Weld Shops**
 - Fuel tank weld seam blending
- ▶ **Aluminium Castings**
 - Deburring & flash removal
- ▶ **Light Fabrication**
 - Weld blending
- ▶ **Wood Working**
 - Flat stock finishing (post planning) & chamfering

Industry	Primary Auto	Auto After	Metal Fabrication	Composites & Rubber	Furniture & Decorative	Boards & Laminates
Usage	●	●	●	●	●	●
	● Direct Use	● Probable Use				

NORTON aKON FIBRE DISCS, F224

FEATURES

- ▶ Treated Aluminium Oxide abrasive
- ▶ High strength backing
- ▶ Unique coating process

BENEFITS

- ▶ Consistent cut rate
- ▶ Uniform high quality surface finish
- ▶ Tear resistant
- ▶ No breakage during operation
- ▶ Resistant to grain dulling
- ▶ Cooler cutting

STOCK AVAILABILITY TABLE

Alkon Coated Discs (Fibre Backed) "C" Series

SIZE DIA X BORE	GRIT	CAP CODE	STD. PKG.	STOCK LIST NO.
180 x 22.23	24	F224	100	C 1
180 x 22.23	36	F224	100	C 2
180 x 22.23	50	F224	100	C 3
180 x 22.23	60	F224	100	C 4
180 x 22.23	80	F224	100	C 5
180 x 22.23	120	F224	100	C 6
125 x 22.23	24	F224	100	C 21
125 x 22.23	36	F224	100	C 22
125 x 22.23	60	F224	100	C 24
125 x 22.23	80	F224	100	C 25
125 x 22.23	120	F224	100	C 26
100 x 16.00	24	F224	100	C 31
100 x 16.00	36	F224	100	C 32
100 x 16.00	60	F224	100	C 34
100 x 16.00	80	F224	100	C 35
100 x 16.00	120	F224	100	C 36

Note: For light duty applications, special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton dealer for any special requests.

NORTON silKon-Wood Working fibre discs

NORTON silKon Fibre Discs are the best suited for wood working applications.



TYPICAL APPLICATIONS

- ▶ **Wood Furniture & Handicrafts**
 - Flat stock surface preparation (post planning)
 - Edge blending/chamfering of flat stock components
- ▶ **Flat Glass**
 - Edge finishing

Industry	Steel	Glass	Composites & Rubber	Furniture & Decorative	Boards & Laminates
Usage	●	●	●	●	●
	● Direct Use ● Probable Use				

NORTON silKon FIBRE DISCS

FEATURES

- ▶ Premium Silicon Carbide abrasive
- ▶ High strength backing
- ▶ Unique coating process

BENEFITS

- ▶ Consistent cut rate
- ▶ Uniform high quality surface finish
- ▶ Tear resistant
- ▶ No breakage during operation
- ▶ Cooler cutting. No burn marks
- ▶ Resistant to loading (clogging)

STOCK AVAILABILITY TABLE

Alkon Discs (Fibre Backed) "C" Series

SIZE DIA X BORE	GRIT	CAP CODE	STD. PKG.
180 x 22.23	36	F422	100
180 x 22.23	60	F422	100
180 x 22.23	80	F424	100
180 x 22.23	120	F424	100

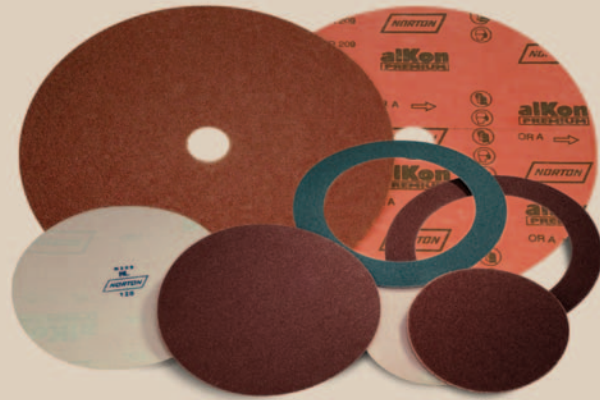
Note: Special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton representative or dealer for any special requests.

CLOTH DISCS

**NORTON
ADVANTAGE**

Cloth Discs

Grindwell Norton offers a wide range of PSA (pressure sensitive adhesive) and Speed-Grip (Velcro) backed cloth discs that are used in a wide array of applications across several industry segments.



These discs are typically used on the following machines –

- ▶ Rotary right angle sanders with PSA or Velcro back up pads
- ▶ Random orbital sanders or Dual action sanders with PSA or Velcro back up pads
- ▶ Stationary rotary machines for off-hand finishing of components

PRODUCT OFFERINGS

- ▶ NORTON ZirKon R809 & R824
- ▶ NORTON alKon Premium R209
- ▶ NORTON alKon R265



NORTON ZirKon R809 & R824 Cloth Discs

Industry	Primary Auto	Auto After	Composites & Rubber
Usage	●	●	●
	● Direct Use	● Probable Use	



TYPICAL APPLICATIONS

- ▶ Automotive Body & Press Shops
 - Rotary & orbital sanding (Blending of welds & defects)
- ▶ Car Re-finishing Garages
 - Stripping primer and paint
- ▶ Bus body building, railway coaches
 - Orbital sanding of base sheet metal

NORTON ZirKon R809 & R824 CLOTH DISCS

FEATURES	BENEFITS
▶ Premium Zirconia Alumina grain	▶ Long life
▶ Premium poly-cotton backing	▶ Consistent cut rate
▶ Optimised grain coating	▶ Tear resistance
	▶ Cool cutting
	▶ Resistant to loading
▶ Available in PSA / Velcro backing	▶ For use with portable sanders

CLOTH DISCS

NORTON alKon Premium R209 Cloth Discs

TYPICAL APPLICATIONS

- ▶ **Automotive Body & Press Shops**
 - Rotary & orbital sanding (Blending of welds & defects)
- ▶ **Furniture**
 - Orbital sanding for finishing flat stock wood components



Industry	Primary Auto	Auto After	Composites & Rubber
Usage	●	●	●
	● Direct Use	● Probable Use	

NORTON alKon PREMIUM R209 CLOTH DISCS

FEATURES

- ▶ Treated Aluminium Oxide grain
- ▶ Premium poly-cotton backing
- ▶ Optimized grain coating
- ▶ Available in PSA / Velcro backing

BENEFITS

- ▶ Consistent cut rate
- ▶ Uniform high quality surface finish
- ▶ Tear resistance
- ▶ Cool cutting
- ▶ Resistant to loading
- ▶ For use with portable sanders

NORTON alKon R265 Cloth Discs

TYPICAL APPLICATIONS

- ▶ **Automotive Body & Press Shops**
 - Rotary & orbital sanding (Blending of welds & defects)
- ▶ **Furniture**
 - Orbital sanding for finishing flat stock wood components



Industry	Primary Auto	Auto After	Furniture & Decorative
Usage	●	●	●
	● Direct Use	● Probable Use	

NORTON alKon R265 CLOTH DISCS

FEATURES

- ▶ Aluminium Oxide grain
- ▶ Flexible cotton backing
- ▶ Available in a wide grit range
- ▶ Available in PSA / Velcro backing

BENEFITS

- ▶ Value for money product
- ▶ Tear resistance
- ▶ Uniform surface finish
- ▶ Can be used in an elaborate grit sequence
- ▶ For use with portable machines

STOCK AVAILABILITY TABLE

Alkon Cloth Discs

SIZE DIA X BORE	GRIT	CAP CODE	STOCK LIST NO.
355 x 40	36	R209	CD 31
355 x 40	60	R 209	CD 32

Notes:

- ▶ Discs with other dimensions are also available.
- ▶ Special product designs with different backing and grain compositions can be offered. Please contact your Grindwell Norton representative or dealer for any special requests.

PAPER DISCS

**NORTON
ADVANTAGE**

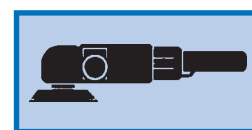
Paper Discs

Grindwell Norton offers the following range of world-class PSA (pressure sensitive adhesive) and Speed-Grip (Velcro) backed paper discs.



PRODUCT OFFERINGS

- ▶ NORTON SG H920 paper discs
- ▶ NORTON Adalox Anti-static H231 & H189 paper discs
- ▶ NORTON No-Fil A275 paper discs
- ▶ NORTON Adalox A270 paper discs



These discs are normally used on rotary right angle & random orbital (dual action) sanders with PSA or Velcro back up pads.

NORTON SG H920 Paper Discs

Industry	Primary Auto	Auto After	Composites & Rubber
Usage	●	●	●

● Direct Use ● Probable Use



TYPICAL APPLICATIONS

- ▶ **Fibre-glass composites (Wind mill blades)**
 - Finishing post molding
- ▶ **Automotive body & press shops**
 - Weld, braze and defect blending
- ▶ **Furniture**
 - Finishing of flat stock components

NORTON SG H920 PAPER DISCS

FEATURES

- ▶ Premium Seeded Gel abrasive grain
- ▶ F-Wt. heavy paper backing
- ▶ Available in Velcro backing

BENEFITS

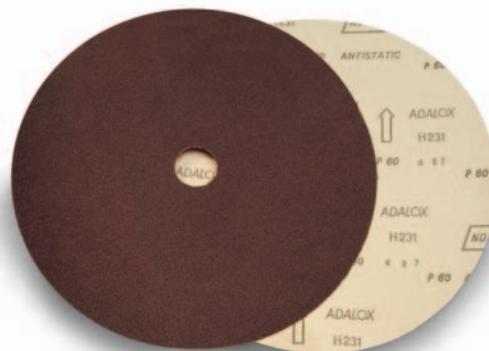
- ▶ Long life
- ▶ Cool cutting
- ▶ High & consistent cut rate
- ▶ Tear resistance
- ▶ Ability to withstand high pressure
- ▶ For use with portable machines

NORTON ADALOX Antistatic H231 Paper Discs

Industry	Primary Auto	Auto After	Composites & Rubber	Furniture & Decorative
Usage	●	●	●	●
	● Direct Use		● Probable Use	

TYPICAL APPLICATIONS

- ▶ **Car Re-finishing Garages**
 - Stripping primer and paint using a random orbital or rotary sander
- ▶ **Fibre-glass composites (Wind mill blades)**
 - Finishing post molding
- ▶ **Furniture**
 - Finishing of flat stock components



STOCK AVAILABILITY TABLE

NORTON ADALOX A231 Discs

SIZE DIA X BORE	GRIT	CAP CODE	STOCK LIST NO.
355 x 40	40	H231	PD 1031
355 x 40	60	H231	PD 1032

NORTON ADALOX H231 PAPER DISCS

FEATURES

- ▶ Friable White Aluminium Oxide grain
- ▶ Uniform ESU coating
- ▶ Open Kote & Antistatic
- ▶ Heavy weight paper
- ▶ Resin bond
- ▶ Available in Velcro backing

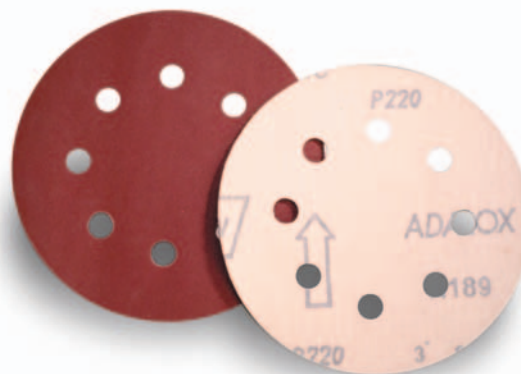
BENEFITS

- ▶ Fine finishes and long life
- ▶ Scratch-free finish
- ▶ Less loading
- ▶ Strength to resist tearing
- ▶ Heat resistant
- ▶ For use with portable machines

NORTON ADALOX Antistatic H189 Paper Discs

TYPICAL APPLICATIONS

- ▶ **Car Re-finishing Garages**
 - Preparing primed and painted surfaces
- ▶ **Fibre-glass composites (Wind mill blades)**
 - Finishing post molding
- ▶ **Furniture**
 - Finishing of flat stock components



Industry	Primary Auto	Auto After	Furniture & Decorative
Usage	●	●	●
	● Direct Use		● Probable Use

NORTON ADALOX H189 PAPER DISCS

FEATURES

- ▶ Friable White Aluminium Oxide grain
- ▶ Uniform ESU coating
- ▶ Close Kote & Antistatic
- ▶ Heavy weight paper
- ▶ Resin bond
- ▶ Available in Velcro backing

BENEFITS

- ▶ Fine finishes and long life on wood
- ▶ Scratch-free finish
- ▶ Less loading
- ▶ Strength to resist tearing
- ▶ Heat resistant
- ▶ For use with portable machines

**NORTON
ADVANTAGE**

NORTON No-Fil A275 Paper Discs

No-Fil A275 discs offer the highest cut-rate and life among all Nofil products. No-Fil coating gives superior resistance to loading.

Industry	Primary Auto	Auto After	Furniture & Decorative
Usage	●	●	●
● Direct Use ● Probable Use			



TYPICAL APPLICATIONS

- ▶ **Automotive paint shops**
 - Preparing primed and painted surfaces
- ▶ **Fibre-glass surfaces (Wind mill blades)**
 - Preparing surface for painting
- ▶ **Furniture**
 - Finishing of flat stock components

NORTON NO-FIL A275 PAPER DISCS

FEATURES

- ▶ Premium Aluminum Oxide grains
- ▶ Non loading treatment
- ▶ Available in PSA & Velcro backing
- ▶ Available in a grit range of 80 – 800

BENEFITS

- ▶ Superior cut-rate and life
- ▶ Good results in sanding of loading materials
- ▶ For use with portable machines
- ▶ For use in rough to very fine finishing applications

NORTON ADALOX A270 Discs

TYPICAL APPLICATIONS

- ▶ **Automotive paint shops**
 - Preparing primed and painted surfaces
- ▶ **Fibre-glass surfaces (Wind mill blades)**
 - Preparing surfaces for painting
- ▶ **Furniture**
 - Finishing of flat stock components



Industry	Primary Auto	Auto After	Furniture & Decorative
Usage	●	●	●
● Direct Use ● Probable Use			

NORTON ADALOX A270 DISCS

FEATURES

- ▶ Premium Heat treated Aluminum Oxide grains
- ▶ High Strength B-Wt. Latex backing
- ▶ Available in PSA & Velcro backing
- ▶ Available in a grit range of 80 – 800

BENEFITS

- ▶ Fast aggressive cutting action; consistent finish
- ▶ Superior strength and Tear resistant flexible backing
- ▶ Can be used wet
- ▶ For use with portable machines
- ▶ For use in rough to very fine finishing applications

FILM BACKED DISCS

Film Backed Discs

Norton film discs are made with a high strength polyester film backing and micron-graded aluminum oxide grain for fast cutting and consistent finish to help you achieve superior finishing of acrylic solid surfaces.



PRODUCT OFFERINGS

- ▶ NORTON Q130 No-Fil Polyester Film Discs
- ▶ NORTON Q132 Polyester Film Discs

NORTON Q130 No-Fil Polyester Film Discs

Industry	Primary Auto
Usage	●
● Direct Use	

TYPICAL APPLICATIONS

- ▶ Automotive paint shops
 - Moist sanding to eliminate defects on painted bodies
- ▶ Preparing solid surfaces like Corian boards

NORTON Q130 No-FIL POLYESTER FILM DISCS - The choice for solid surface applications

FEATURES

- ▶ Premium micron graded Aluminum Oxide grain
- ▶ Extremely uniform 3 mil film backing
- ▶ No-Fil; Open Kote
- ▶ Available in Velcro backing

BENEFITS

- ▶ High Cut-rate: for leveling
- ▶ High quality finish with fine grits
- ▶ Generates a very uniform surface
- ▶ Generates superior finish
- ▶ Increased tear resistance
- ▶ Can be used wet
- ▶ Less Loading
- ▶ Extended life with better finish
- ▶ For use with portable machines and hand sanding applications

NORTON Q132 Polyester Film Discs

Industry	Primary Auto
Usage	●
● Direct Use	

TYPICAL APPLICATIONS

- ▶ Primary Automotive paint shops
 - Spot repair on top coats and moist sanding in ED & primer shops

NORTON Q132 POLYESTER FILM DISCS - For clear coat repair applications

FEATURES

- ▶ Premium micron graded Aluminum Oxide grain
- ▶ Polyester film backing
- ▶ Special resin bond system
- ▶ Available in PSA & Velcro backing

BENEFITS

- ▶ Fast cut and extended life
- ▶ Very flexible and tear resistant backing
Can be used wet
- ▶ Reduced loading – resulting in longer life
- ▶ For use with portable machines and hand sanding applications.