

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.



TechTips

- ▶ Select coarsest feasible grit for the application.
- ▶ Keep the unused discs under weight once the polythene cover is opened.
- ▶ The disc should be at a 5° angle to the surface during sanding for most applications.

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 alKon Gold Fibre Discs

NORTON alKon 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 alKon 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.



FIBRE DISCS

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	●	●	●	●	●
<small>● Direct Use ● Probable Use</small>					

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.