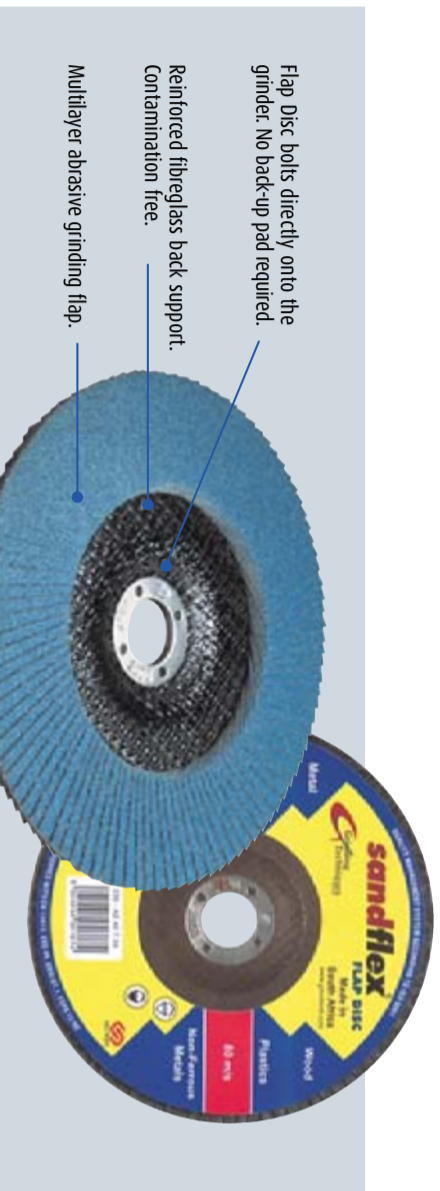


**sandflex® sandflex® sandflex® sandflex®**

## WHY YOU SHOULD BE USING **sandflex®** FLAP DISCS FOR PORTABLE GRINDERS



- Sandflex Flap Discs are designed for use on portable grinders and sanders, and are increasingly popular as an alternative to abrasive fibre discs. They complement the use of depressed centre grinding wheels, and are the preferred option on light gauge sheet metal or stainless steel where finish is important
- Fast stock removal due to the 80m/sec. operating speed. This also makes the product suitable for rough grinding.
- In many cases the number of working processes are reduced - both rough and intermediate grinding can be done with the same Flap Disc.
- Flap Discs can last 20 to 30 times longer than Fibre Discs, but only cost between 10 to 15 times as much. You save in material costs, plus downtime whilst Fibre Discs are being changed.
- Constant rate of stock removal and consistent finish during the entire life of the abrasive flaps.
- Reinforced fibre back support eliminates the need for expensive back-up pads, as Flap Discs bolt directly onto the grinder. This also enables the product to be used for tight corner grinding and sanding. The fibreglass support is also contamination free.
- Cool and soft cut, with less loading.
- The lighter pressures required for operation result in increased machine life and productivity.
- Competitively priced product which ensures value for money.
- Sandflex Flap Discs are manufactured by Grinding Techniques in South Africa.

Grinding Techniques dedication to ongoing technological innovation, and the use of only the finest specially engineered raw materials in production, ensures that our products are manufactured to the highest international standards. Our quality products, customer service and competitive pricing ensures complete customer satisfaction.



28 Van Eck Street • Chamdor • Krugersdorp • South Africa  
PO Box 51 • Krugersdorp 1740 • South Africa  
Tel +27 11 271 6400 • Fax +27 11 271 6464  
E-Mail: sandflex@grindtech.com  
Website: www.grindtech.com

**sandflex® sandflex® sandflex® sandflex®**

## FLAP DISCS for portable grinders



**sandflex®**  
THE INTELLIGENT CHOICE

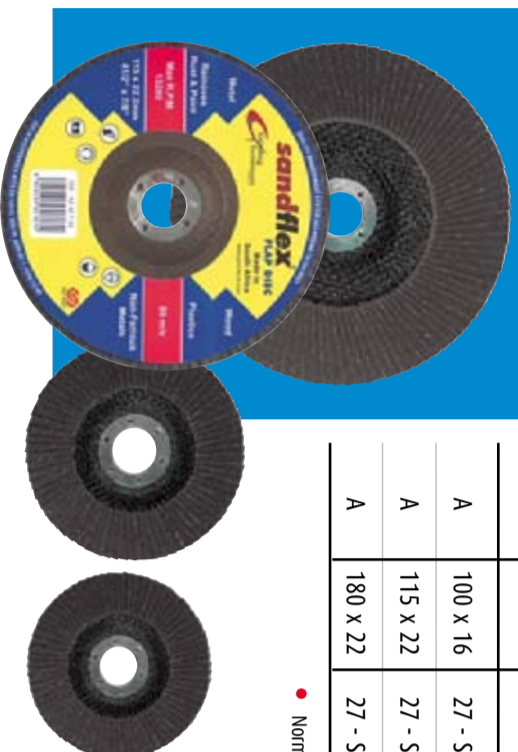


DIY RANGE

ABRASIVE TYPE	SIZE	TYPE	GRIT SIZES				MAX. RPM
			P24	P40	P60	P80	
A	100 x 16	27 - Std		•	•		15280
A	115 x 22	27 - Std		•	•	•	13280
A	180 x 22	27 - Std		•	•	•	8600

• Normal standard stock • Ex manufacture

Aluminium Oxide abrasive is preferred for DIY use as it is the most cost effective product for most DIY applications.



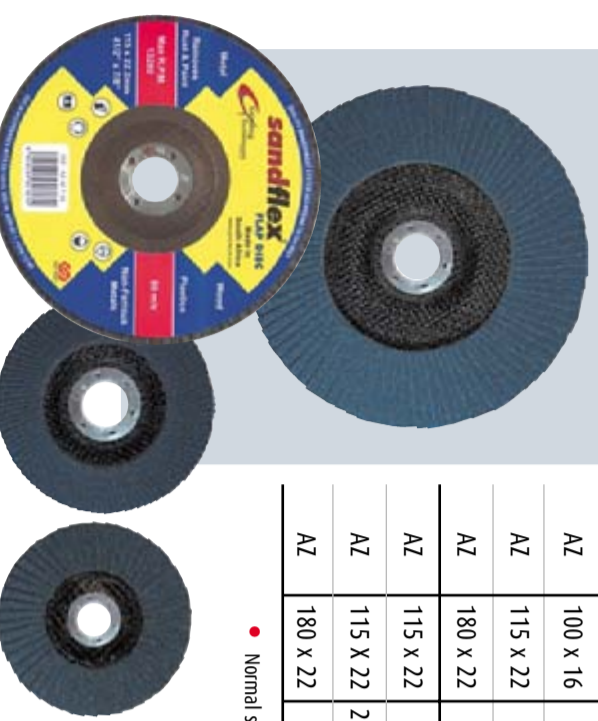
TYPE 27 - Flat

INDUSTRIAL RANGE

ABRASIVE TYPE	SIZE	TYPE	GRIT SIZES					MAX. RPM
			P24	P40	P60	P80	P120	
AZ	100 x 16	27 Std	•	•	•	•	•	15280
AZ	115 x 22	27 Std	•	•	•	•	•	13280
AZ	180 x 22	27 Std	•	•	•	•	•	8600
AZ	115 x 22	29 Std	•	•	•	•	•	13280
AZ	115 X 22	29 Maxi-flap	•	•	•	•	•	13280
AZ	180 x 22	29 Std	•	•	•	•	•	8600

• Normal standard stock • Ex manufacture (including other sizes)

Zirconium abrasive is preferred for industrial use as it is the most cost effective product for the entire spectrum of industrial applications, including stainless steel.



TYPE 27 - Flat



TYPE 29 - Angular

OPERATING INSTRUCTIONS

NB. Address the flap disc at an angle of 30° to the workpiece for stock removal. Lessen the angle for the final blending passes. Let the flap do the work, use less working pressure than for angle grinding discs for best grinding performance and flap disc life.



GRIT CONVERSION

Always choose a Flap Disc at least ONE GRADE COARSER than the Fibre Disc being used to obtain a similar finish with the same aggression:

FIBRE DISC	P100	P80	P60	P36
FLAP DISC	P80	P60	P40	P24

CHOICE OF GRIT SIZE

As starting points, we recommend:

- Grit 24 and 40: for aluminium and other soft non-ferrous metals, wood and plastics
- Grit 40 and 60: for alloyed and low-alloyed steels
- Grit 60 and 80: for high alloyed, stainless, heat treatable steels, and high tensile non-ferrous metals
- Grit 120: for a fine finish of metal surfaces

Aluminium Oxide Abrasive (A)



Grit 80

Grit 60

Grit 40

Zirconium Abrasive (AZ)



Grit 120

Grit 80

Grit 60

Grit 40

Grit 24

MAXI-FLAP DISC

This new disc has 40% more abrasive strips than the standard disc which gives you the advantage of faster stock removal, smoother finishing and an increased lifespan. Available as a standard stock item in 115x22mm size for industrial use.



SUGGESTED APPLICATIONS

					
Derusting	Grinding castings	Grinding welds and corners	Light deburring of castings	Light gauge sheet metal	Wood
					
Flash removal	Weld removal	Stainless steel weld grinding	Paint removal	Body panels and filler	Most plastics