

Eagleflex Abrasives Inc.

EFA

Eagleflex Abrasives Inc.



Catalogue

Grinding Abrasive Wheels



Eagleflex Abrasives Inc.

Company Brief Introduction

Eagleflex Abrasives Inc. was founded in 1994 in Hebron city as a private shareholding company registered with the Companies Controller in the Ministry of National Economy in Ramallah under number (562 417 469) which is specialized in the manufacture of cutting and grinding discs of iron, stone and stainless steel and other materials in all sizes and specifications. The company is a result of cooperation between Jelanco Company for Trade and Industry and the American company United Flex Inc. Under this cooperation the company obtained the science and knowledge necessary techniques and technology required for this industry. Since the first day of production Eagleflex started to compete with international companies in their products in terms of quality and price, which gained wide approval especially at the level of neighboring countries such as Jordan, Iraq, Saudi Arabia, Yemen and the Arabian Gulf market. The export ratio exceeded 72% of its production capacity reaching 572,000 pieces per month covering Turkey, the United States and a number of countries in Europe. It's the only company of its kind in Palestine, in addition to being unique to the neighbouring countries. The number of employees exceeds fifty workers. Eagleflex Inc. holds several certificates in quality such as international standards ISO 9002 & Palestinian certification specifications and many certificates of appreciation from home and abroad. The management works on the continued development and improvement of the company to keep abreast of any developments in the industry and to meet the needs of the market requirements in all of its forms in order to achieve an honourable and successful industry in Palestine despite any obstacles.

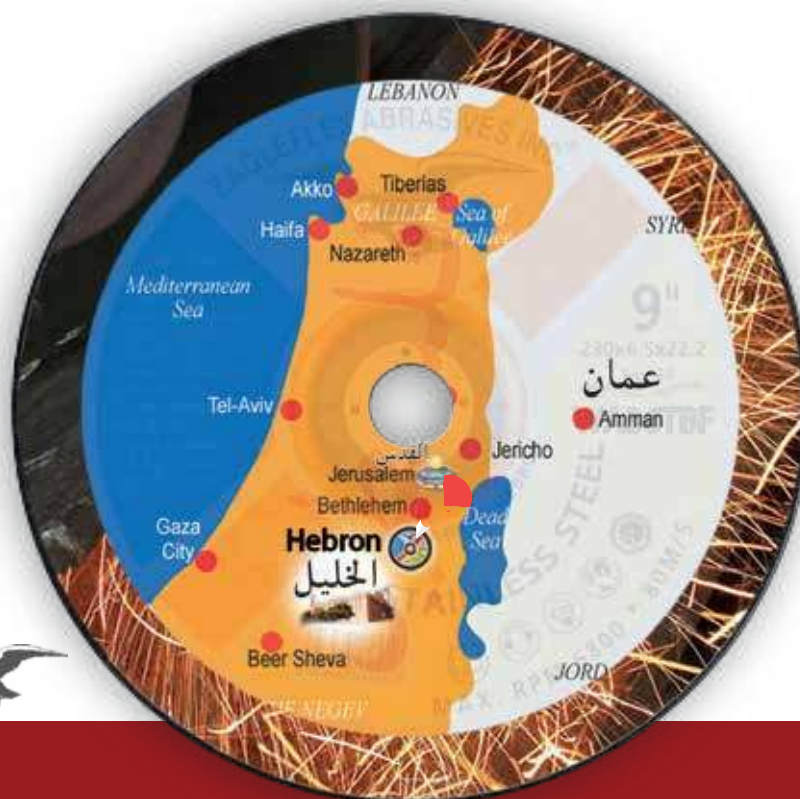
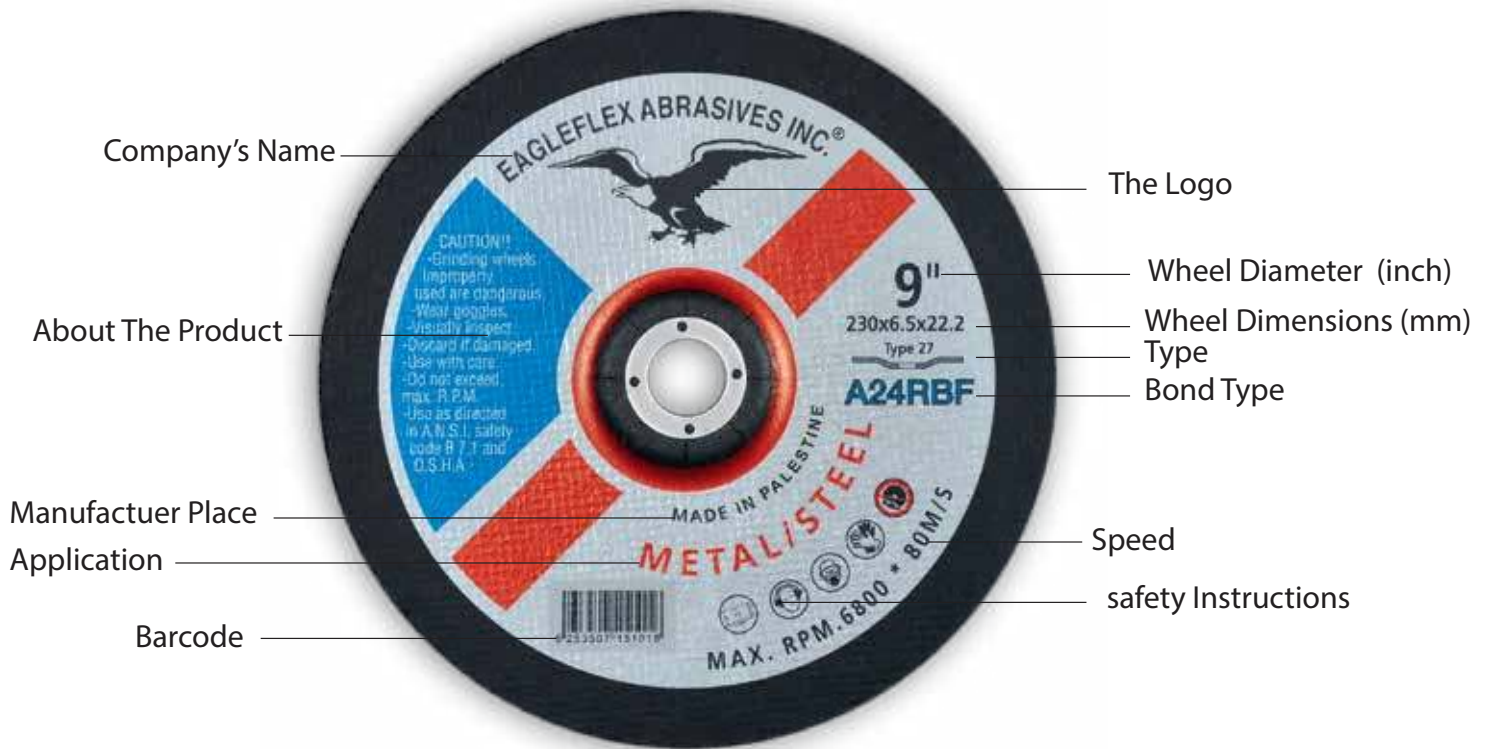


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Explanation on Eagleflex Abrasives Label



Types of Materials:

- A- Aluminum Oxide:** The most common of all grains, used for heavy-duty and general purpose work.
- WA- White Aluminum Oxide:** The high friability of this grain gives it the characteristic of fast and cool cutting, used for light grinding of all kinds of steels, particularly on tool and stainless steel .
- ZA- Zirconia Aluminum Oxide:** High performance grinding and very long life, excellent on ferrous metals, castings and stainless steel .
- C- Silicon Carbide:** For grinding masonry, concrete, stone, and non-ferrous metals.

General Information Pictograms

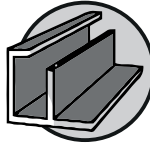
Application Pictograms



Steel



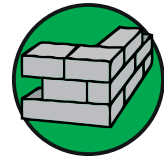
Inox
Stainless Steel



Aluminum
Non-ferrous Metal



Cast Iron



Stone

Machine Pictograms



Chop Saw



Stationary Machine



Petrol Saw



Angle Grinder

Processing Methods



Cutting-off



Grinding

Safety in Storage & Use

All cutting and grinding wheels are breakable and it is imperative that users take the appropriate precautions. Abrasive wheels that are damaged, improperly mounted or improperly used are dangerous and can cause serious injuries to any person in the vicinity.

Selection of the Wheel

Carefully read the information on the Abrasives wheel and make sure that the wheel is suitable for the application and has the correct dimensions. Check that the maximum RPM of the machine spindle matches the maximum RPM printed on the wheel label. Follow any restriction of use and any specific instructions which may be indicated on the wheel or on the attached documents.

Inspection Before Mounting

Carefully inspect the abrasive wheel, if it is damaged in any way do not use it. Make sure that the instructions on both the wheel and on the machine are compatible.

Wheel Mounting

Before starting the cutting or grinding operation, the wheel guard must be on correct position and fixed securely on the machine. The wheel guard must be capable of catching broken wheel fragments effectively and capable of withstanding the impact caused by wheel breakage. Only mount the wheels on machines designed for the operation. Never use force when mounting. Always use the mounting flanges supplied with the machine and ensure they are clean and never modify them in any way.



Type 27
Cut-off wheel
(depressed-centre design)



Type 1
Cut-off wheel
(straight design)

Personal Protection

Safety goggles, ear protection, safety gloves, dust masks (and if conditions are severe) additional face protection must be worn, as well as leather aprons and safety shoes.



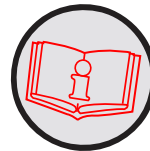
Ear Protection



Dust & Eye
protection



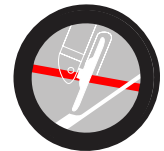
Wear Gloves



Read
Instructions



Do not use
Damaged Wheel



Not for
Side Grinding

Protection of the Workplace

Hand-held grinders should be used in such a manner that sparks fly away from the operators body and any flammable material. Safe operations depend on a clean and tidy working environment. Adequate working space, good lighting and heating should be available. All relevant local, national and international regulations must be followed.

Stopping the Machine

Switch off the machine and allow the wheel to stop completely before placing it on a bench or on the floor. Never bring the wheel to rest by applying pressure to the wheel surface.

Colour Codes



Label	Cast Iron	NF Metals	Stone	Inox	Steel
Colour Codes	Black	Grey	Green	Yellow	Blue
Materials	Cast materials	Aluminum, Copper, Zinc, Brass, Bronze,	Stone, Concrete, Granite	Stainless steel	Steel / Metal

Cut-Off Wheels



Metal and Steel Cutting Disc

A-Aluminum Oxide

Code: A 30 R -BF

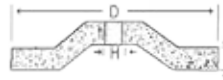
Bond design offers:

- Long life.
- Excellent stuck removal.
- Fast cuts on steel.
- Cast iron and welds.
- For pneumatic and electric right angle grinders.



Depressed Center Cut-off Wheels

T 27

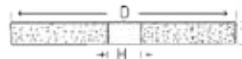


Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
100 x 3.2 x 16.0	A 30 R BF	T-27	80	15,300	100	6253507150912
115 x 3.2 x 22.2	A 30 R BF	T-27	80	13,300	75	6253507150936
125 x 3.2 x 22.2	A 30 R BF	T-27	80	12,250	75	6253507151599
180 x 3.2 x 22.2	A 30 R BF	T-27	80	8,750	50	6253507150974
230 x 2.0 x 22.2	A 30 R BF	T-27	80	6,800	50	6253507150202
230 x 2.5 x 22.2	A 30 R BF	T-27	80	6,800	50	6253507151230
230 x 3.2 x 22.2	A 30 R BF	T-27	80	6,800	50	6253507151001



Flat Cut-off Wheels

T 1



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 3.2 x 22.2	A 30 R BF	T-1	80	13,300	75	6253507150561
125 x 3.2 x 22.2	A 30 R BF	T-1	80	12,250	75	6253507151605
180 x 3.2 x 22.2	A 30 R BF	T-1	80	8,750	50	6253507150738
230 x 2.0 x 22.2	A 30 R BF	T-1	80	6,800	50	6253507151766
230 x 2.5 x 22.2	A 30 R BF	T-1	80	6,800	50	6253507151773
230 x 3.2 x 22.2	A 30 R BF	T-1	80	6,800	50	6253507150790

Stone & Concrete Cutting Disc

Silicon Carbide

Code: C 30 R -BF

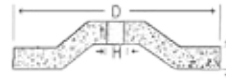
Cutting masonry, concrete and stone . For air and electric right angle grinders.

- Medium-hard cutting wheel with long life.
- Recommended for cutting stone.
- Concrete and marble slabs.
- Finishing tiles.
- Bricks.
- Clay tubes.
- Roofing tiles.
- Non-ferrous metals.



Depressed Center Cut-off Wheels

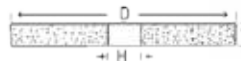
T 27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
102 x 3.0 x 16.0	C 30 R BF	T-27	80	15,300	100	6253507150059
115 x 3.2 x 22.2	C 30 R BF	T-27	80	13,300	75	6253507150950
125 x 3.2 x 22.2	C 30 R BF	T-27	80	12,250	75	6253507151612
180 x 3.2 x 22.2	C 30 R BF	T-27	80	8,750	50	6253507150998
230 x 3.2 x 22.2	C 30 R BF	T-27	80	6,800	50	6253507151025

Flat Cut-off Wheels

T 1



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 3.2 x 22.2	C 30 R BF	T-1	80	13,300	75	6253507150578
125 x 3.2 x 22.2	C 30 R BF	T-1	80	12,250	75	6253507151629
180 x 3.2 x 22.2	C 30 R BF	T-1	80	8,750	50	6253507151780
230 x 3.2 x 22.2	C 30 R BF	T-1	80	6,800	50	6253507150608

Stainless Steel

White Aluminum Oxide

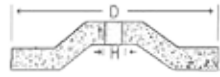
Code:WA 30 S -BF

- Fast stock removal and long life.
- For use on stainless steel and steel.
- Contaminate-free.
- Specially made for foodgrade and nuclear plants iron .
- High tensile sheets.
- Mild steels.
- Tool steels concrete reinforcing.



Depressed Center Cut-off Wheels

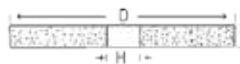
T27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 3.2 x 22.2	WA 30 S BF	T-27	80	13,300	75	6253507150721
125 x 3.2 x 22.2	WA 30 S BF	T-27	80	12,250	75	6253507151636
180 x 3.2 x 22.2	WA 30 S BF	T-27	80	8,750	50	6253507150783
230 x 3.2 x 22.2	WA 30 S BF	T-27	80	6,800	50	6253507150837

Flat Cut-off Wheels

T 1



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 3.2 x 22.2	WA 30 S BF	T-1	80	13,300	75	6253507150097
125 x 3.2 x 22.2	WA 30 S BF	T-1	80	12,250	75	6253507151643
180 x 3.2 x 22.2	WA 30 S BF	T-1	80	8,750	50	6253507150189
230 x 2.0 x 22.2	WA 30 S BF	T-1	80	6,800	25	6253507150257
230 x 2.5 x 22.2	WA 30 S BF	T-1	80	6,800	25	6253507151797
230 x 3.2 x 22.2	WA 30 S BF	T-1	80	6,800	50	6253507151803

Grinding Discs



Metal and Steel Grinding

A-Aluminum Oxide

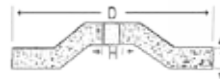
Code: A 24 R-BF

Bond design offers :

- Long life and excellent stuck removal.
- Recommended on structural steel metal and welds.
- Comfortable and easy to use.
- Straight clean cutting.



T27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
100 x 6.5 x 16.0	A 24 R BF	T-27	80	15,300	25	6253507151810
115 x 6.5 x 22.2	A 24 R BF	T-27	80	13,300	50	6253507151148
125 x 6.5 x 22.2	A 24 R BF	T-27	80	12,250	50	6253507151650
180 x 6.5 x 22.2	A 24 R BF	T-27	80	8,750	25	6253507151209
230 x 6.5 x 22.2	A 24 R BF	T-27	80	6,800	25	6253507151230

Stainless Steel Grinding

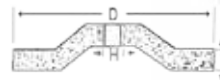
WA-White Aluminum Oxide

Code: WA 24 S-BF

- Fast stock removal.
- Long life.
- For use on stainless steel and steel.
- Contaminate-free specially made for food-grade and nuclear plants.
- Comfortable and easy to use.
- Fast cutting.
- Free from iron, sulphur, and chlorine .



T27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
100 x 6.5 x 16.0	WA 24 S BF	T-27	80	15,300	25	6253507151827
115 x 6.5 x 22.2	WA 24 S BF	T-27	80	13,300	50	6253507151162
125 x 6.5 x 22.2	WA 24 S BF	T-27	80	12,250	50	6253507151667
180 x 6.5 x 22.2	WA 24 S BF	T-27	80	8,750	25	6253507151223
230 x 6.5 x 22.2	WA 24 S BF	T-27	80	6,800	25	6253507151254

Cast Iron Cutting Disc

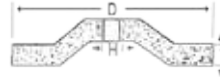
Zirconia Aluminium Oxide

Code: ZA 24 T BF

- High performance grinding.
- Long life excellent on ferrous metals.
- Castings and stainless steel.



T27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 6.5 x 22.2	ZA 24 T BF	T-27	80	13,300	25	6253507151926
180 x 6.5 x 22.2	ZA 24 T BF	T-27	80	8,750	25	6253507151933
230 x 6.5 x 22.2	ZA 24 T BF	T-27	80	6,800	25	6253507151940

Stone Grinding Disc

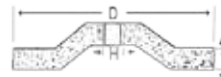
Silicon Carbide

Code: C 24 R BF

- Silicon carbide grain for grinding masonry, concrete, stone.
- Non-ferrous metals straight fast cutting.
- Comfortable and easy to use.



T27



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
102 x 6.5 x 16.0	C 24 R BF	T-27	80	15,300	25	6253507151834
115 x 6.5 x 22.2	C 24 R BF	T-27	80	13,300	50	6253507151155
125 x 6.5 x 22.2	C 24 R BF	T-27	80	12,250	50	6253507151674
180 x 6.5 x 22.2	C 24 R BF	T-27	80	8,750	25	6253507151216
230 x 6.5 x 22.2	C 24 R BF	T-27	80	6,800	25	6253507151278

Thin Cut-off Wheels



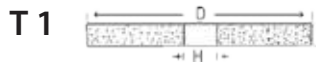
Metal and Steel Cutting Disc

A-Aluminum Oxide

Code: A 30 R-BF

Thin cut-off wheels give maximum utility and cutting capacity on standard portable machines. They are highly recommended for cutting metal profile, steel mesh, stainless steel and aluminum.

- Higher cutting speed, upto 2-3 times faster.
- Reduced wastage of work materials. steel cutting edge.

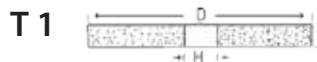


Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 1.0 x 22.2	A 30 R BF	T-1	80	13,300	25	6253507150011
115 x 1.6 x 22.2	A 30 R BF	T-1	80	13,300	30	6253507150035
115 x 2.0 x 22.2	A 30 R BF	T-1	80	13,300	25	6253507150028
115 x 2.5 x 22.2	A 30 R BF	T-1	80	13,300	25	6253507151117
125 x 1.0 x 22.2	A 30 R BF	T-1	80	12,250	25	6253507151681
125 x 1.6 x 22.2	A 30 R BF	T-1	80	12,250	25	6253507151698
125 x 2.0 x 22.2	A 30 R BF	T-1	80	12,250	25	6253507151704
125 x 2.5 x 22.2	A 30 R BF	T-1	80	12,250	25	6253507151711
180 x 1.6 x 22.2	A 30 R BF	T-1	80	8,750	25	6253507150134
180 x 2.0 x 22.2	A 30 R BF	T-1	80	8,750	25	6253507151841
180 x 2.5 x 22.2	A 30 R BF	T-1	80	8,750	50	6253507151179

Aluminum and Non-ferrous Metals

Code: ALU 36 N BF

The perfect blend of brown and white aluminum oxide goes into making these specialty wheels for cutting aluminum and non-ferrous metals.



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 1.6 x 22.2	ALU 36 N BF	T-1	80	13,300	25	6253507151957
125 x 1.6 x 22.2	ALU 36 N BF	T-1	80	12,250	25	6253507151964

Stainless Steel Cutting Disc

WA-White Aluminum Oxide

Code: WA 36 S-BF

Thin cut-off wheels give maximum utility and cut capacity on standard portable machines. They are highly recommended for cutting metal profile, steel mesh, stainless steel, and aluminum.



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
115 x 1.0 x 22.2	WA 60 S BF	T-1	80	13,300	25	6253507150707
115 x 1.6 x 22.2	WA 46 S BF	T-1	80	13,300	25	6253507150080
115 x 2.0 x 22.2	WA 36 S BF	T-1	80	13,300	25	6253507150714
115 x 2.5 x 22.2	WA 36 S BF	T-1	80	13,300	25	6253507151131
125 x 1.0 x 22.2	WA 60 S BF	T-1	80	12,250	25	6253507151728
125 x 1.6 x 22.2	WA 46 S BF	T-1	80	12,250	25	6253507151735
125 x 2.0 x 22.2	WA 36 S BF	T-1	80	12,250	25	6253507151742
125 x 2.5 x 22.2	WA 36 S BF	T-1	80	12,250	25	6253507151759
180 x 1.6 x 22.2	WA 36 S BF	T-1	80	8,750	25	6253507150165
180 x 2.0 x 22.2	WA 36 S BF	T-1	80	8,750	25	6253507150776
180 x 2.5 x 22.2	WA 36 S BF	T-1	80	8,750	25	6253507151193

High Speed Cut-off Wheels



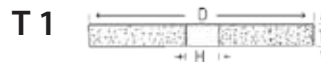
Metal and Steel Cutting

Aluminum Oxide

Code: A 24 R BF

Specially reinforced wheels for use on petrol-driven or electrically driven portable high-speed machines.

- Designed to cut structural steel solids, pipe and tubing, and other ferrous metals such as steel.
- Angle iron and metal bars.



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
305 x 4.0 x 22.2	A 24 R BF	T-1	100	6,400	25	6253507151858
305 x 4.0 x 25.4	A 24 R BF	T-1	100	6,400	25	6253507151865
350 x 4.0 x 25.4	A 24 R BF	T-1	100	5,500	25	6253507151872
405 x 4.0 x 25.4	A 24 R BF	T-1	100	4,400	25	6253507151889

Concrete Cutting

Silicon Carbide

Code: C 24 R BF

- Specially reinforced wheels for use on petrol-driven or electrically driven portable high-speed machines.
- Designed to cut stone , concrete and brick.



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
305 x 4.0 x 22.2	C 24 R BF	T-1	100	6,400	25	6253507151896
305 x 4.0 x 25.4	C 24 R BF	T-1	100	6,400	25	6253507151902
350 x 4.0 x 25.4	C 24 R BF	T-1	100	5,500	25	6253507151919

Stationary Saw Blades

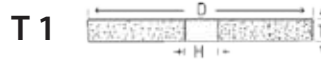


Metal and Steel Cutting

Aluminum Oxide

Code: A 24 R BF

Designed to cut structural steel solids, pipe and tubing.
Double-reinforced cut-off wheels for stationary saws are the economical way to burr-free cutting.



Size (mm)	Specification	Type	M/S	R.P.M	Qty/Carton	Barcode
305 x 3.2 x 25.4	A 24 R BF	T-1	80	5,100	25	6253507151049
305 x 3.8 x 25.4 SUPER	A 24 T BF	T-1	80	5,100	25	6253507151087
305 x 4.0 x 25.4	A 24 R BF	T-1	80	5,100	25	6253507151070
350 x 3.2 x 25.4	A 24 T BF	T-1	80	5,100	25	6253507150882
350 x 4.0 x 25.4	A 24 R BF	T-1	80	5,100	25	6253507150899
405 x 3.2 x 25.4	A 24 R BF	T-1	80	4,400	25	6253507150905
405 x 4.0 x 25.4	A 24 R BF	T-1	80	4,400	25	6253507150318

Fibre Disc



Fibre Disc Alumina Zirconia

Code: ZA

Fibre Discs are available in the following sizes :

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")
- 230mm X 22mm (9" x 7/8")

Grit Range:

16,24,36,40,50,60,80,100,120.

Inner Hole:

- Round
- Depressed
- Cross hole

Uses :

Stainless steel, high alloyed steel at medium and high pressure; grinding of polywood, chipboard and MDF plates .



Fibre Disc Aluminum Oxide

Fiber Discs are available in the following sizes :

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")
- 230mm X 22mm (9" x 7/8")

Grit range :

16,24,36,40,50,60,80,100,120.

Inner Hole:

- Round
- Depressed
- Cross hole

Uses :

Iron, mild steel welding rods, cast iron, aluminum and non ferrous metals, polyester, wood.



Fibre Disc Silicon Carbide

Fibre Discs are available in the following sizes:

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")
- 230mm X 22mm (9" x 7/8")

Grit range:

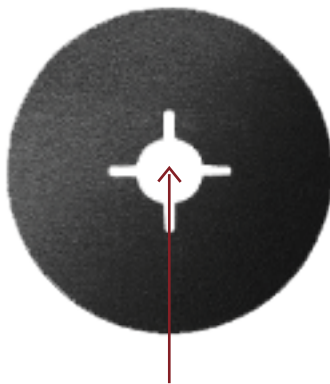
16,24,36,40,50,60,80,100,120,150,180,220,140,280,320,360,400.

Inner Hole:

- Round
- Depressed
- Cross hole

Uses:

Marble, stones, concrete building materials, bronze, brass, and hard cast iron.



CROSS HOLE



ROUND HOLE

Flap Disc



High Density Flap Disc

Alumina Zirconia - High Density

Our Flap Disc have high advantages of finishing and grinding at the same time and long life.

Description :

Different grain types, fiber, and plastic backing alternatives, angled and flat backings and also several flap disc specifications gives the opportunity to choose the best disc for every special need.

Grit Range :

16,24,36,40,50,60,80,100,120.

Uses :

Stainless steel, high alloyed steel at medium and high pressure, grinding of polywood, chipboard and MDF plates.

Flap Discs are available in the following sizes :

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")
- 230mm X 22mm (9" x 7/8")



Regular Flap Disc

Alumina Zirconia

Our Flap Disc have high advantages of finishing and grinding at the same time and long life.

Description :

Different grain types, fiber, and plastic backing alternatives, angled and flat backings and also several flap disc specifications gives the opportunity to choose the best disc for every special need.



Grit range:

16,24,36,40,50,60,80,100,120,150,180,220.

Uses :

Stainless steel, high alloyed steel at medium and high pressure, grinding of poly-wood, chipboard and MDF plates.

Flap Discs are available in the following sizes:

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")

Velcro Disc



Velcro Disc

Aluminum Oxide

Code:AO

General purpose product suitable for a wide range of applications and materials.

The efficient and durable aluminum oxide grit together with the robust paper backing enables high material removal rate and fine surface finishing of hardwood and softwood in all grit ranges.

The pre-dust antistatic treatment together with an open coat grit distribution reduce clogging to the a minimum level, improving the lifetime of the product and contributes to minimized dust load on the sanding surface .



Description :

- Backing: antistatic F-weight paper.
- Bonding: resin over resin.
- Grit: aluminum oxide.
- Coating: open.
- Grit range: P40 - P240.
- Removal rate: very high.
- Lifetime: long.
- Clogging: low.
- Finish: rough - good.

Grit Range:

36,40,50,60,80,100,120,150,180,220,320,400.

Velcro Disc are available in the following sizes:

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")

Uses :

- Multipurpose sanding material for various wood applications.
- High material removal rate in coarse grit sizes when sanding softwood and hardwood.
- Suitable for sanding stainless steel and aluminum sheets and coils.
- Long lifetime and excellent surface finish when sanding leather.

Velcro Disc

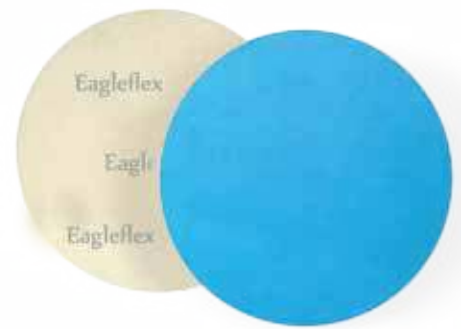
Zirconia

Code: ZA

Has a Velcro backing for easy and secure attachment. The discs and sheets are suitable for a general purpose, sanding a variety of materials cost effectively.

The Zirconia grit coating has excellent cutting properties, which together with the pliable paper backing achieve flexibility and an efficient sanding operation.

The semi-open grit coating reduces loading of the product when sanding clogging materials. Grits P150 - P600 are additionally treated with a stearate coating which further minimize dust load and contributes to an improved surface finish.



Description :

Backing: D/C/B-wt paper with loop velour. P40-P80: D-wt paper; P100-P150: C-wt paper; P180-P600: B-wt paper.

- Bonding: resin over resin.
- Grit: Zirconia.
- Coating: semi-open.
- Special coating: stearate on P150 - P600.

Grit Range:

36,40,50,60,80,100,120,150,180,220,320,400.

Velcro Disc are available in the following sizes:

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")

Uses :

- Multipurpose sanding material for various kinds of materials.
- Excellent for automotive body repairing and automotive industry.

Velcro Disc

Silicon Carbide

Code: C

Has a Velcro backing for easy and secure attachment. The discs and sheets are general purpose products, sanding a variety of materials cost effectively.

The efficient and durable Silicon Carbide grit together with the robust paper backing enables high material removal rate and fine surface finishing of hardwood and softwood in all grit ranges.

Description:

- Backing: E-weight paper with loop velour
- Bonding: Resin over resin
- Grit: Silicon Carbide

Grit Range:

36,40,50,60,80,100,120,150,180,220,320,400.

Velcro Disc are available in the following sizes:

- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 125mm X 22mm (5" x 7/8")
- 150mm X 22mm (6" x 7/8")
- 180mm X 22mm (7" x 7/8")

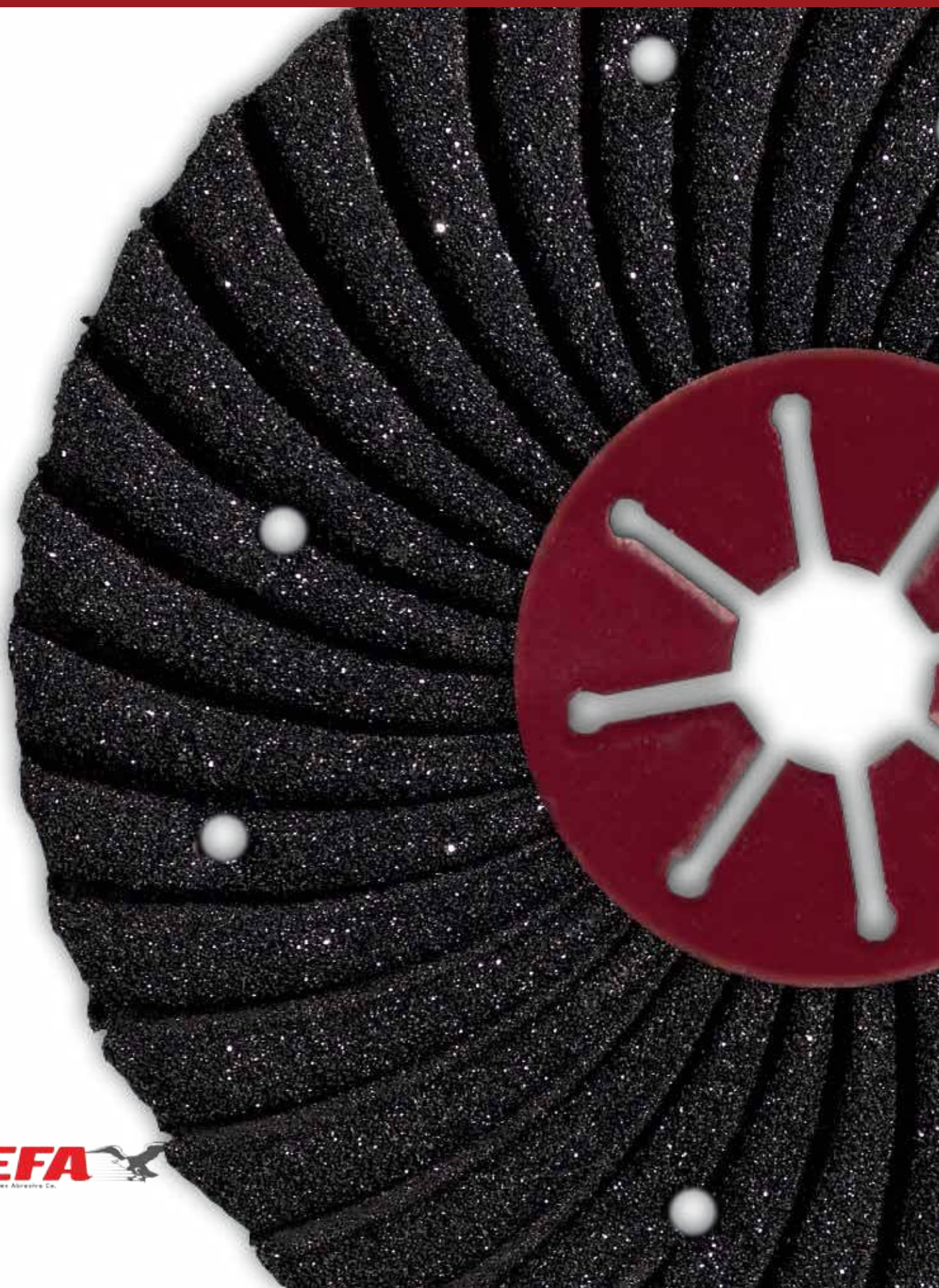
Uses:

Silicon Carbide Uses For:

- Marble.
- Stones.
- Concrete building materials.
- Bronze.
- Brass.
- Hard cast iron.



Semiflex Disc



Semiflex Disc

Semiflex disc is made up from a special fiber backing on which has been anchored a multilayers of fast cutting silicone carbide grits, very resistant to mechanical stresses.



Description :

- Technical Fibre T 27 Flat - T 29 Conic
- Grit: Silicon Carbide
- Grit Range: 16 - 120
- Backing: Fibreglass T 27 Flat - T 29 Conic

Grit Range:

16,24,36,50,80,100,120.

Semiflex are available in the following sizes :

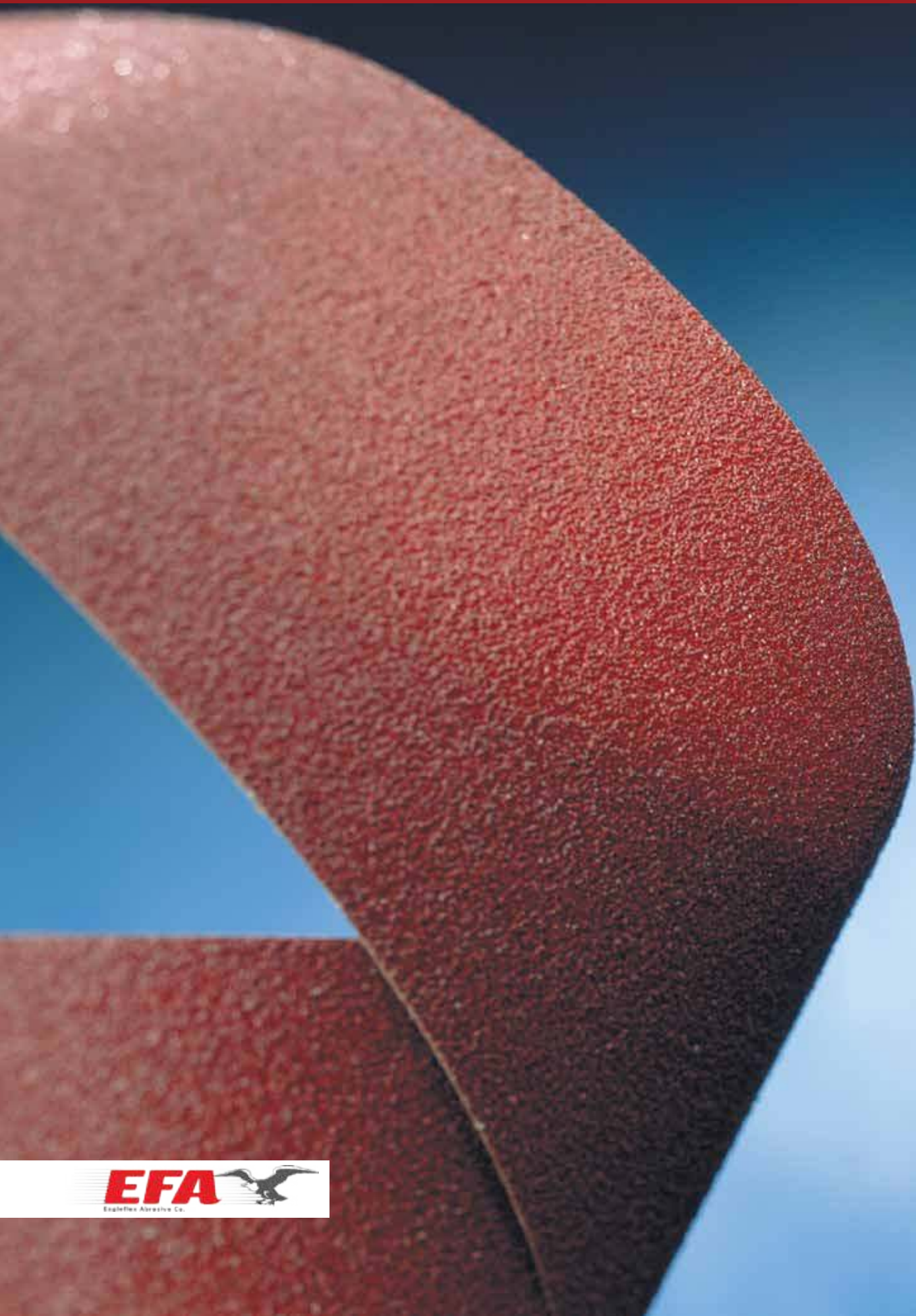
- 100mm X 16mm (4" x 5/8")
- 115mm X 22mm (4.5" x 7/8")
- 180mm X 22mm (7" x 7/8")

Uses :

Silicon Carbide Uses For:

- Marble.
- Stones.
- Concrete building materials.
- Bronze.
- Brass.
- Hard cast iron.
- Glass.

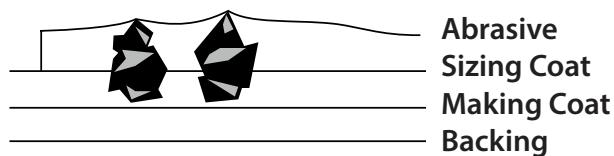
Endless Belts



Belts General Information

Coated abrasive are manufactured in a wide variety of types, shapes, dimensions, and qualities as required by today's industry. Because they are extremely effective and efficient for grinding, dimensioning, finishing, polishing, cleaning, buffing, deburring and smoothing all kinds of materials, coated abrasive have become an indispensable tool used by all types of industry in production and maintenance operations. Each of components is available in a variety of types to provide different performance characteristics and capabilities. In order to achieve the best results from coated abrasive at the lowest possible cost, it is necessary to choose that combination of abrasive grain, backing and bond which will be the most effective and efficient for a specific application. The following information is intended as an aid in selecting the proper-coated abrasive for a specific application. Our distributor and our technical staff are at your disposal.

Composition :



Backing :



Paper

A	70 g/m ²	Flexible	Hand sanding
B	90 g/m ²	Flexible	Dry or wet sanding
C	110 g/m ²	Flexible and Strong	Hand sanding
D	150 g/m ²	Flexible and Strong	Hand sanding
E	220 g/m ²	Strong	Belts and discs
F	250 g/m ²	Very strong	Belts and discs

Belts General Information

Cloth

J	Flexible: Cotton or polyester Colour: Orange or red-brown (extra flexible) Polishing curved surfaces
X	Heavy, resistant, more resistant: Cotton or polyester Colour; Brown, severe conditions
Y	Heavier, more resistant: Polyester Colour: Blue, severe conditions Dry and /or wet
W	Special sectional belts

Bonds :

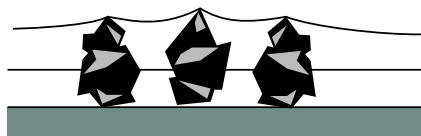
Natural glue:

- Good adhesion.
- Flexible.
- Low resistance to heat and humidity.

Synthetic resins:

- Very good adhesion.
- Resistant to heat and humidity.

Type of bonding :



Applied in tow layer

2 Natural glue layers
2 Synthetic resin layers
1 Layer of each type of bond

Belts General Information

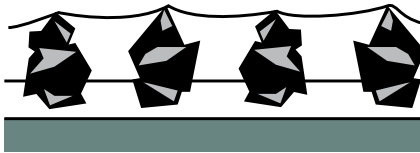
No-fill:



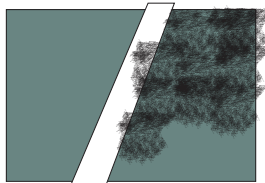
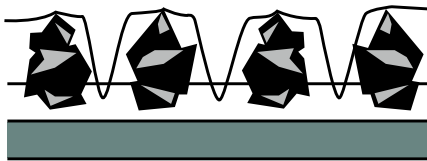
anti-loading treatment
Used for undercoats, paints finishes, varnish coatings, etc.
Color: white.

Flexing:

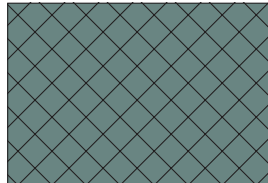
before



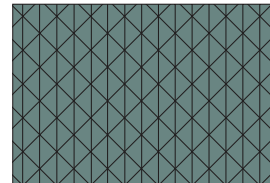
After



Singleflex



Doubleflex



Tripleflex

The purposes of flexing are :

- To make the product flexible so that it can assume exact shape of the machine or the work piece being worked .
- To give the product a continuous cutting action by permitting the extraction of worn grains .

Belts General Information

Abrasives :

Natural:

Emery, flint, garnet, etc.
Economical products, hand sanding.

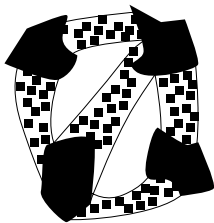
Manufactured:

Aluminum oxide, Silicon carbide, Zirconium oxide.
Technical products.

Hardness:

Mohs scale.

Aggregates :



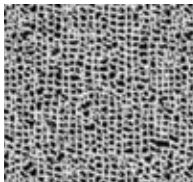
Aggregates are made up of a number of individual pieces of fine grit which are fused together to form one grain.

Use one grit size finer than that used with conventional product to obtain the same roughness.

Aggregate grit size 180=conventional grit size 120.

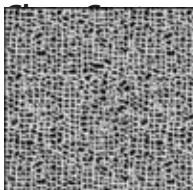
Abrasive grain distribution :

Open Coat



30% to 60% of backing surface is covered, the spaces between the grains facilitate the removal of chips.

Used in operations in which the grinding swarf would otherwise (load) or clog the surface: wood, rubber, plastic, non-ferrous metals.



100% of the backing surface is covered; offers the greatest number of cutting edge.

Used on metals.

Grit sizes:

Number of openings in the screen per linear inch.

P24-FEPA scale

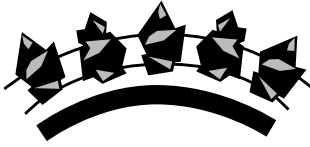
24 Grit = $25,4/24 = 1mm$

Belts General Information

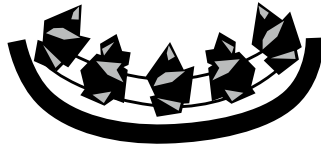
Storage:

Temperature: 15 to 20°C (55-65°F)

Humidity: 40 to 50%.



Too Dry

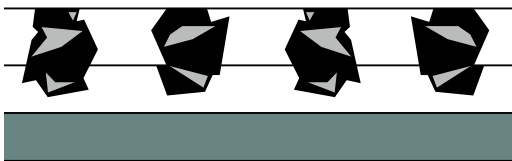


Too Wet

If the work place temperature/ humidity is very different from that of storage area, leave the product net to the machine for 1 or 2 days before use to allow stabilization to take place.

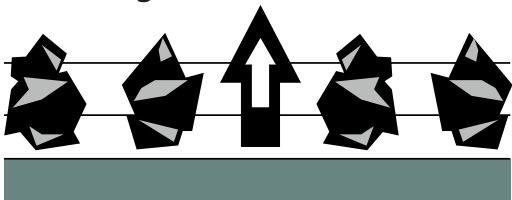
Troubleshooting :

Glazing:



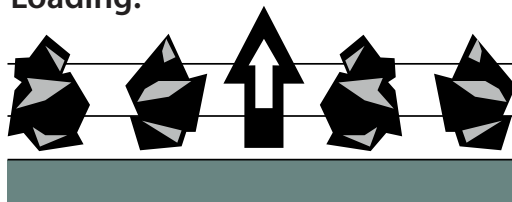
- Increase the working pressure.
- Use a harder contact wheel.
- Use a smaller contact wheel.
- Use larger grooves.
- Select another product.

Shedding:



- Decrease the working pressure.
- Use a softer contact wheel.
- Use a larger contact wheel.
- Use narrower grooves.
- Select another product.

Loading:



- Use an open coat product for wood.
- Use no-fil product for undercoats and varnishes.
- Use grease for steel.
- Use smaller contact wheel.
- Use larger grooves.

Industrial Coated Abrasive Products

Cloth rolls :

For metal working

- Aluminum oxide handy rolls with J cloth backing.
- For sharp, fast clean cutting.
- Eliminates waste, tears to the length desired.
- Available in 50 meter length & 25mm, 40mm, 50mm width.
- From grit 60 to 80, 100, 120, 150, 240, 320.

Paper & combination rolls :

For wood working, fibreglass and plastic.

- Aluminum oxide with E weight paper backing.
- For sharp, fast and clean cutting.
- Eliminates waste, tears to the length desired.
- Available in 50 meter length & 115m width.
- From grit 40 to 50, 60, 80, 100, 120, 150.

Silicon carbide paper rolls :

From sanding paint coating on cars as well as wood working (perfect finishing)

- Silicon carbide with B weight paper backing.
- For sharp, fast and clean cutting.
- Eliminates waste, tears to the length desired.
- Available in 90 meter length & 115mm width.
- From grit 120 to 150, 180, 220, 240, 320, 360, 400.

230mm x 2800 mm sheets :

Emery paper sheets:

- Grits: 5,4,3,2,1,0,00.
- Wet and dry finishing silicon carbide paper sheets:
- Grits: 60, 80, 100, 120, 150, 180, 220, 240, 280, 320, 360, 400, 500, 600, 800, 1000, 1200.

Long paper belts :

- These belts are used for sanding wood and for metal or plastic surface finishing applications on stroke sanders or automatic beam machines.

Wide paper belts :

- Wide belts machines (cylinder or beam) are use sanding various types of wood (solid wood, veneers, plywood, etc.), and also in metal polishing and plastic/rubber sanding.

Belts General Information

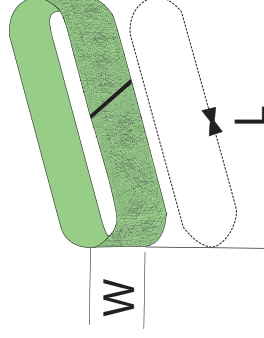
Cloth belts for portable sanders

Portable belts machines are used for the sanding of wood metal, glass, etc. They are provided with a dust extraction system.

They are very widely used in many industries, their portability facilitates fitting, maintenance and finishing work both on site and in the factory.

Designation:

Width x length mm
W x L



Overlap joint

Direction of rotation must be observed



Sinusoidal butt joint with plastic film

No special direction of rotation

Belts

Coated abrasive are manufactured in a wide variety of types, shapes, dimensions, and qualities as required by today's industry. Because they are extremely effective and efficient for grinding, dimensioning, finishing, polishing, cleaning, buffing, deburring and smoothing all kinds of materials.



Description :

- Grain type: AO "Aluminum Oxide" - ZC "Alumina Zirconia"
- Backing: X-Cotton

Grit Range:

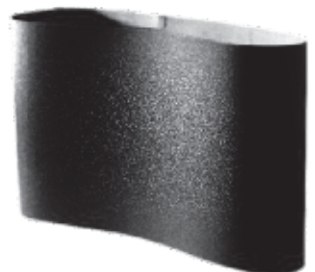
#24,30,36,40,60,80,100,120,150,180,220,320,400.

Material Used :

- AO "Aluminum Oxide": Iron ,mild steel welding rods, cast iron, aluminum and non ferrous metals, polyester, wood.
- ALUMINA ZIRCONIA: Stainless steel, high alloyed steel at medium and high pressure grinding of polywood, chipboard and MDF plates.
- Silicon carbide.

Note :

Size are available upon request.



Waterproof



Waterproof/ Silicon Carbide

Waterproof has a very pliable waterproof paper backing and is suitable for wet and dry fine sanding and polishing sensitive surfaces.

The very even silicon carbide grit coating structure ensures a high quality sanding operation and enables achieving a very good sanded finish with excellent surface shine.

Excellent for automotive body repairing and automotive industry.



Uses :

- Provides scratch-free surfaces on high gloss lacquers and paints.
- Very suitable for sanding sensitive surfaces.
- A cost effective product for the automotive industry and automotive body repairing shops.

Description :

- Backing: C-weight paper.
- Bonding: resin over resin.
- Grit: silicon carbide.
- Coating: closed.

Grit Range:

#220,320,400,500,600,800,1000,1200,1500,2000.



CERTIFICATE OF APPROVAL

This is to certify that the Quality Management System of:

Eagleflex Abrasive Inc.
Hebron,
Palestine

has been approved by Lloyd's Register Quality Assurance
to the following Quality Management System Standards:

ISO 9002:1994
EN ISO 9002:1994
BS EN ISO 9002:1994

The Quality Management System is applicable to:
Manufacture of grinding and cutting discs.

Approval Certificate No: 959666
Original Approval: 14th Mar
Current Certificate: 14th Mar
Certificate Expiry: 31st Mar

[Signature]
on behalf of LRQA.



This approval is valid only in accordance with the LRQA assessment and certification procedures.
The use of the LRQA Accreditation Mark by Licensees is subject to the conditions set out in the LRQA Accreditation Mark License Agreement.

مؤسسة المواصفات والمقاييس الفلسطينية
Palestine Standards Institution



شهادة جودة Quality Certificate

No. : 009

رقم : 009

شركة إيجل فليكس إيريبيك - الخليل
تلهد مؤسسة المواصفات الفلسطينية أن المنتج المذكور أعلاه صنع بمؤهل لإنتاج:
القرص الكلس والجلخ (معدن وحجر).
1. نوع (01): قرص حديد ومعدن.
2. نوع (27): القرص جلخ وقرص حديد ومعدن، القرص جلخ وقرص حجر.
وفق متطلبات المواصفة الفلسطينية: (م ف 189-1999)
شهادة الجودة تمنح للمصانع التي تستطيع متطلبات إدارة الجودة وفق المواصفة الفلسطينية
(م ف 15-1997)

Eagleflex Abrasives Inc. - Hebron
This is to certify by Palestine Standards Institution that the above
named is producing:

Bonded Abrasive Grinding Discs:
1. Type (01): Metal Grinding Discs
2. Type (27): Metal Grinding and Abrasives Discs.

Stones Grinding and Abrasives Discs
According to the requirements of Palestinian Standard (PS 189-1999)
This certificate is granted to plants satisfying the requirements of
quality management system according to Palestinian standard
(PS 15-1997)

Initial Certification : 03-03-2011
Issued on : 15-06-2014
Valid to : 15-06-2018

لإنتاج المنتج الأول
صدرت بتاريخ
تاريخه حتى تاريخ

2011-03-03
2014-06-15
2015-06-18

[Signature]
Director General

[Signature]
Dir. Quality and Cert.



Qezoon St - Hebron - West Bank - Palestine / P.O.Box 176

Tel : 00970 22225759 / Fax : 00970 22225597

www.eagle-flex.com / info@eagle-flex.com