

FANDELI®

Coated Abrasives



Industrial **abrasive** products

www.fandeli.com 





Commitment with the Quality



With more than 80 years of integrated manufacturing experience, FANDELI has been a major producer of high quality sandpaper serving INDUSTRIAL customers worldwide.

At FANDELI we realize that our clients demand a quality product with superior performance and outstanding service. We continue to show our commitment in serving our industrial customers through ongoing investments in state-of-the-art manufacturing and plant conversions as well as upgrading in technological and human resources. This commitment assures FANDELI customers that quality is our number one priority.

Fandeli International Corp., in Houston, Texas, services the North American industry through an important distribution network, and by maintaining a large inventory that assures prompt service.

Welcome to FANDELI! We will respond to any coated abrasive need with technical support, product recommendation and excellent service.



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The selection of the proper abrasive material is important to the productivity of coated abrasive applications. Although natural materials were important historically, the demands for quality and productivity in manufacturing have required the extensive use of synthetic minerals that offer consistent coated abrasive characteristics. Each type of abrasive grain has unique properties and selecting the best grains requires close attention to the type of work material being ground, the cost of the abrasive minerals and its performance under actual working conditions. The ability of the abrasive grain to penetrate the article being abraded depends in a large extent upon hardness, toughness and shape of the abrasive. The types of abrasives used in order of hardness are Ceramic Alumina Silicon Carbide, Zirconia Alumina, Premium Aluminum Oxide, White Aluminum Oxide, Brown Aluminum Oxide and Emery.

Silicon Carbide

This mineral is synthetically produced in electric furnaces to produce a glossy black color and a high degree of hardness. Due to its brittle characteristics, it fractures in to sharp sliver-like wedges having cutting edges that permit rapid stock removal. Recommended for finishing non-ferrous metals such as brass, bronze, copper and aluminium; and other materials such as leather, glass, wood rubber and plastic. It is also used to finish and polish automotive primers, lacquers and sealers in general.

Zirconia Alumina

This mineral is a mixture of zirconium oxide dissolved in aluminum oxide at molten temperatures. Coated abrasives use a microcrystalline structure form of this mineral that is characterized as sharp, hard and extremely tough. Because of the structure and extreme toughness, smaller particles of grain break off in use and at a much slower rate than standard aluminium oxide. It produces superior performance on a wide variety of materials of both high and low tensile strength under high grinding pressures. A wide variety of stainless steel and exotic alloys, grey malleable, ductile and nodular cast iron, aluminum, titanium, etc. Zirconia Alumina is excellent on high grinding pressure applications and very often it is equally effective at lower grinding pressure levels.

Premium Aluminum Oxide

This is a synthetic mineral that begins as fused Aluminum Oxide of high purity and is treated at very high temperatures to improve its hardness and friability properties. With these improvements, the grain maintains a sharp cutting edge that cuts cooler, resulting in longer life and lower grinding costs. It is for grinding high tensile strength materials such as steel, stainless steel and tough bronzes. It is also very effective for rough grinding of many low tensile strength materials such as grey iron, low carbon steel, aluminum and brasses when heavier grinding pressures are used resulting in longer life and lower grinding costs.



White Aluminium Oxide

White Aluminum Oxide is a durable manufactured abrasive, which is characterized by long life of its cutting edges. It is recommended for sanding of all types of wood.

Brown Aluminum Oxide

This mineral has a grain with a large crystal size in its structure. It is characterized as sharp, hard and tough and is used for grinding and polishing high tensile strength materials such as steel, stainless steel, bronzes, etc. It is also very effective for rough grinding of many low tensile strength materials such as grey cast iron, aluminum, brass, etc.

Emery

Emery is a natural abrasive, man-made emery is a regular Aluminum Oxide containing a small amount of Ferric Oxide. This addition gives high durability. Emery is recommended for hand polishing of ferrous and non-ferrous materials.

Ceramic Alumina

This synthetic mineral is a high performance abrasive grain (also referred to as sol gel grain). Ceramic-Alumina is manufactured by a 1200 to 1500 C sintering temperature chemical process vs. fusion process. Fused Alumina and sol gel abrasive grain consists in essence of the same chemical elements, Aluminum and Oxygen. Ceramic is recommended in the grinding of mild steel, stainless steel, tool steel, titanium alloys, and in general hard metals.

BACKINGS

Cloth, resin fiber, paper, and a combination of these materials are the most popular backings used in the manufacturing of coated abrasives.

Cloth includes J, X and Y weights. J weight (jeans) cloth is used for polishing and finishing operations or where flexible products are required. X weight (drills) is a heavier, stronger and less flexible material that is used in heavy and medium duty operations. Y weight (sateen) is an extra heavy backing for heavy duty grinding.

Resin fiber backings consist of multiple bonded layers of impregnated paper. They are tough and strong for disc uses.

Paper used in A, C, D, E and F weights. A weight is light and flexible. C and D weights are stronger and less flexible. E and F weights are still stronger and mostly for rolls, belts, and discs where high resistance to tearing is required.

Combination backing is a result of laminating E weight paper and light cloth. This is primarily for disc and drum sanding.



PRODUCTS

Belts

The belts are endless abrasive sections, with ends joined at a certain angle. Of all the various forms, belts are the coated abrasive in greatest demand by industry worldwide. They are important when high productivity is critical and consistent quality necessary. They come in various widths from 1/4" to 55" and in lengths from 8" to 13 yards. Belts can be used on stationary or portable machines including back stand, vertical or horizontal platen grinders, conveyORIZED belt grinders, swing grinders, and centerless grinders.

Sheets

Sheets are cut in standard 9"x11" sizes from coated abrasives with paper or cloth backing. The choice of backing depends upon the severity of the sanding operation. Sheets are used by hand or with oscillating sanders in applications where handcraft is important or finishing is difficult because the parts areas are difficult to access with mechanical sanding equipment.

Resin Fiber Discs

These coated abrasives are available in either circular or octagonal shapes with a vulcanized fiber backing. The most common diameters are those of 7"x7/8" and those of 5"x7/8". The durability and strength of their materials make them adequate for highspeed portable tools. Available in Premium Aluminum Oxide and Zirconia Alumina.

Flap Wheels

Flap wheels are made of aluminium oxide resin bonded coated abrasives and are ideal tools for grinding and polishing small parts, narrow curves, cavities, concave and convex areas, as well as flat surfaces. These products can be used in a variety of industrial applications, mainly in automotive and metalworking.

Rolls

Continuous rolls of coated abrasives come in different widths from 3/8" to 55" and lengths from 10 yards to 100 yards. Depending upon the type of product, rolls can be used in hand applications, on drum sanders or with contact wheels.

Stick-On Discs (PSA)

These products are specially treated open-coated materials, which are excellent for finishing of primers, body putty, base coats and clear coat finishes, acrylic lacquers and dry feather edging. The pressure sensitive adhesive makes discs easy to use. For dry sanding only in the wood, metal, marine, aerospace, etc. industries.

Specialties

These are abrasive products with very specific designs and shapes, such as: abrasive stars, body files, spiral bands, anti-skip strips, cones, cartridges and many other forms. Most specialties are used on portable machines.



BELTS

ABRASIVE BELT PRODUCT DESCRIPTIONS

Our belts are available in widths from 1/4" up to 120" and with lengths exceeding 8" up to 13 yards. These belts are used by all types of mechanical sanders, stationary and portable, such as pedestal, vertical or horizontal, with singular and multi-head machines.

Aluminum Oxide

	Cloth	Paper
X-88	X wt. 100% cotton cloth Resin/resin bond Closed coat Grits from 24 to 240 and 320	F084 F wt. paper Resin bond Open coat Fepa "P" graded Anti-static Grits from p60 to p220
X088	X wt. 100% cotton cloth Resin/resin bond Open coat Grits from 36 to 220	E088 E wt. paper Resin/resin bond Open coat Fepa "P" graded Grits p40 to p320 and p400
R-88	X wt. poly-cotton cloth Resin/resin bond Closed coat Wet or dry Fepa "P" graded Grits from p50 to p400	E-83 E wt. paper Resin/glue Closed coat Grits 50 to 320, 400
Y-88	Y wt. poly-cotton cloth Resin/resin bond Closed coat Wet or dry Fepa "P" graded Grits from p24 to p40	JF87 J WT. 100% cotton Flexible cloth Resin/resin bond Closed coat FEPA "P" graded Grits from p40 to p400
Y088	Y wt. poly-cotton cloth Resin/resin bond Open coat Wet or dry (washable) Fepa "P" graded Grits from p24 to p240	JF88 J WT. 100% cotton Flexible cloth Resin/resin bond Closed coat Grinding aid FEPA "P" graded Grits from p60 to p600
XR88	X WT. 100% Cotton cloth Resin/resin bond Closed coat Grits from p60 to p400	

ABRASIVE BELT PRODUCT DESCRIPTIONS

Silicon Carbide

W-98 X wt. 100% cotton cloth
Resin/resin bond
Closed coat
Wet or dry
Grits from 40 to 320, 400, 600

R-98 X wt. poly-cotton cloth
Resin/resin bond
Closed coat
Wet or dry
Grits from 80 to 240, 320, 400

Y-98 Y wt. poly-cotton cloth
Resin/resin bond
Closed coat
Wet or dry
Grits from 24 to 120

S-99 Y wt. 100% polyester
Resin/resin bond
Closed coat
Anti-static
Grits from 24 to 120

E-96 E wt. paper
Resin/glue
Closed coat
Grits 36 to 220

E-93 E wt. paper
Resin/glue
Closed coat
Grits 240 and 320 to 400

Ceramic

S-20 Y wt. 100% polyester
Resin/resin bond
Closed coat
Grits from 24 to 120

Zirconia Alumina

R-13 ALO/Zirconia Alumina
X wt. poly-cotton cloth
Resin bond
Closed coat
Grits from 24 to 120

R013 ALO/Zirconia Alumina
X wt. poly-cotton cloth
Resin bond
Open coat
Grits from 24 to 120

S-18 Zirconia Alumina
Y wt. 100% polyester
Resin bond
Closed coat
Grits from 24 to 120

S-19 Zirconia Alumina
Y wt. 100% polyester
Resin bond
Closed coat
Grinding aid
Grits from 24 to 120



BELT APPLICATION GUIDELINE

E-83	Wood, plastic, leather, Non-ferrous	S-19	Metal, non-ferrous
E088	Wood, metal, leather, Laquers, paints	S-20	Hard metals, alloys, non-ferrous
E-93	Rubber, plastic, leather	S-98	Wood, metal, plastic, Glass, non-ferrous
E-96	Wood, plastic, leather, Non-ferrous	S-99	Wood (MDF), non-ferrous
F084	Wood, metal	W-88	Metal, non-ferrous
J-86	Wood, metal, non-ferrous, plastic	W98	Plastic, glass, non-ferrous
JF88	Wood, metals, non-ferrous	X-86	Wood, metal, non-ferrous, plastic
JF87	Wood, plastic, metals, non-ferrous	X-88	Wood, metal, non-ferrous
R-88	Wood, metal, non-ferrous	X088	Wood, metal, non-ferrous
R-13	Non-ferrous	X-98	Rubber, plastic, glass, non-ferrous
R013	Wood, metal, non-ferrous	XR88	Metals, wood, non-ferrous
R-98	Wood, plastic, glass, non-ferrous	Y-88	Wood, metal, non-ferrous
S-18	Metal, non-ferrous	Y088	Wood, metal, non-ferrous
		Y-98	Rubber, wood, leather, non-ferrous



BELTS

PORTABLE FILE BELTS

R-88 Series

HEATED TREATED
ALUMINUM OXIDE ABRASIVE
FLEXIBLE POLY/COTTON BACKING
RESIN/RESIN BOND SYSTEM
CLOSED COAT, BUTT TAPE JOINT

Grit	1/4" x 24" Part No.	1/2" x 12" Part No.	1/2" x 18" Part No.	1/2" x 24" Part No.	3/4" x 20-1/2" Part No.	1" x 30" Part No.	Belts/ Box	Belts/ Case
040				X	X	X	50	200
050		07985		X	X	X	50	200
060	X	X	X	05106	X	X	50	200
080	X	X	05505	08606	X	X	50	200
100	X	06982	06786	X	X	X	50	200
120	X	X	05912	20058	X		50	200
180	X	X		X			50	200
220		X		X			50	200
240		07984					50	200

Metalworking belts resists tearing from the high pressures and speed.

X: Common size belts.



BELTS

WIDEBELTS

X088 and Y088 Series

HEATED TREATED
A LUMINUM OXIDE ABRASIVE
COTTON BACKING
RESIN / RESIN BOND SYSTEM
OPEN COAT, BUTT TAPE JOINT



X-Weight Cotton Backing (X088 Series)

Grit	25" x 48" Part No.	25" x 60" Part No.	25" x 75" Part No.	36" x 75" Part No.	37" x 60" Part No.	37" x 75" Part No.	Belts/ Box	Belts/ Case
036						01652	3	3
040						X	3	3
050						X	3	3
060	X	X	01662	X	01665	16121	3	3
080	09550	01676	X	X	14423	01062	3	3
100		X					5	5
100	12465		01499	X	01700	14775	5	5
120	15558	21591	08633	01710	13295	10327	5	5
150	12466	X	X	X	01717	01718	5	5
180	13829	X		X	18333	01479	5	5
220	14746	X		X	01066	X	5	5

Y-Weight Poly Cotton Backing (Y088 Series)

Grit	37" x 60" Part No.	37" x 75" Part No.	43" x 75" Part No.	43" x 85" Part No.	52" x 75" Part No.	Belts/ Box	Belts/ Case
P036			20230			3	3
P040	X					3	3
P050						3	3
P060	07072	02169	06553	X		3	3
P080	17355	17088	08793	22300		3	3
P100						5	5
P100	17356	17358	06872		02223	5	5
P120	17357	17359	06873	X	02224	5	5
P150	05076	17411	07229	X	02225	5	5
P180		X	07230	22199	X	5	5
P220			08772			5	5
P320			08773			5	5

- Best used for high production and excellent finishes in high-calibrated sanding operations of wood, particle woods, MDF, fiber-cement and rubber.
- Also available in: Y-88, R-88, F084, E088 and X-88.



BELTS

PORTABLE BELTS

X-88 and X088 Series

HEATED TREATED
ALUMINUM OXIDE ABRASIVE
X-WEIGHT COTTON BACKING
RESIN/RESIN BOND SYSTEM
BUTT TAPE JOINT

X-88 Series (Closed coat)

Grit	3" x 18" Part No.	3" x 21" Part No.	3" x 24" Part No.	4" x 24" Part No.	Belts/ Box	Belts/ Case
024	08831	19906	09371		10	50
036	09914	16492	18378	18377	10	50
040	09551	01067	16494	16495	10	50
050	19937	16493	01639	16496	10	50
060	19907	01651	11213	16497	10	50
080	19938	12842	11196	04574	10	50
100	19908	17228	17230	17507	10	50
120	19939	17229	16538	16539	10	50
150			09499		10	50

X088 Series (Open coat)

Grit	3" x 18" Part No.	3" x 21" Part No.	3" x 24" Part No.	4" x 24" Part No.	Belts/ Box	Belts/ Case
024		X	X		10	50
036		17164	17166	13095	10	50
040		10380	01480	05667	10	50
050	X	17165	01654	17167	10	50
060	X	01656	01657	01658	10	50
080	21558	01666	01064	01668	10	50
100	X	01688	01689	19302	10	50
120		10436	01703	01705	10	50
150			02123		10	50

- For metal, non-ferrous and woodworking applications
- X: Common size belts with no code. Other size or material belts available upon request. Please contact Customer Service Department for details.



BELTS

BACKSTAND & STATIONARY
BENCH TOP BELTS

X-88 Series

HEATED TREATED
ALUMINUM OXIDE ABRASIVE
X-WEIGHT COTTON BACKING
RESIN/RESIN BOND SYSTEM
CLOSED COAT, BUTT TAPE JOINT



X88 Series

Grit	1" x 42" Part No.	2" x 48" Part No.	2" x 72" Part No.	2" x 132" Part No.	3" x 132" Part No.	4" x 132" Part No.	6" x 48" Part No.	Belts/ Box	Belts/ Case
040	X							25	200
050	X							25	200
060	03837							25	200
080	05918							50	200
100	X							50	200
120	03555							50	200
036		X						10	50
050		X						10	50
060		12482						25	50
080		X						25	50
120		X						25	50
036			09208	X	11111	11219		10	50
050			09585	X	20208	X		10	50
060			02305	X	X	X		10	50
080			02307	09326	X	01643		10	50
100			02309		X	16168		10	50
120			02310	X	09325	X		10	50
150			02313		01466	X		10	50
180			02321		14155			10	50
220			02323		01467			10	50
024							09595	10	20
036							01637	10	20
040							17509	20	20
050							17289	20	20
060							11487	20	20
080							01644	20	20
100							17290	20	20
120							10392	20	20
150							08600	20	20
180							08331	20	20
220							06425	20	20

- X: Stock belts with no code.
- Ideal applications: bronze, aluminum, stainless steel and wood. Its flexibility allows it to adapt to curves and contours to maintain the original object's design.



BELTS

BACKSTAND & STATIONARY
BENCH TOP BELTS

X088 Series

HEATED TREATED
ALUMINUM OXIDE ABRASIVE
X-WEIGHT COTTON BACKING
RESIN/RESIN BOND SYSTEM
OPEN COAT, BUTT TAPE JOINT

Grit	6" x 48" Part No.	Belts/ Box	Belts/ Case
024			
036			
040			
050	08416	20	20
060	00742	20	20
080	01669	20	20
100	01692	20	20
120	10328	20	20
150	11526	20	20
180	15365	20	20

- Ideal applications: bronze, aluminum, stainless steel and wood. Its flexibility allows it to adapt to curves and contours to maintain the original object's design.



DISCS

BISON PSA DISC ROLLS
ALUMINUM OXIDE

B080 Series

RESIN PAPER, STEARATED,
OPEN COAT



Grit	5" x 0 Part No.	6" x 0 Part No.	Discs/ Roll	Rolls/ Case
P800	33582	33602	100	10
P600	33581	33601	100	10
P400	33580	33600	100	10
P320	33579	33599	100	10
P240	33578	33597	100	10
P220	33577	33596	100	10
P180	33576	33595	100	10
P150	33575	33594	100	10
P120	33574	33593	100	10
P100	33573	33522	100	10
P080	33572	33521	100	10

- New anti-clogging dry lubricants.
- High cutting power and superior performance.
- Ideal for finishing, polishing and microfinishing operations.
- PSA disc rolls are ready to fit in our FANDELI one and two-roll dispensers.
- With longer and wider core to prevent harm on disc edges and avoid curling at end of the roll.



DISCS

GOLD PSA DISC ROLLS
ALUMINUM OXIDE

A080 Series

RESIN PAPER, STEARATED,
OPEN COAT

Grit	5" x 0 Part No.	6" x 0 Part No.	Discs/ Roll	Rolls/ Case
P 800	32500	32512	100	10
P 600	32501	32513	100	10
P 400	32502	32514	100	10
P 320	32503	32515	100	10
P 280	32504	32516	100	10
P 240	32505	32517	100	10
P 220	32506	32518	100	10
P 180	32507	32519	100	10
P 150	32508	32520	100	10
P 120	32509	32521	100	10
P 100	32510	32522	100	10
P 080	32511	32523	100	10

On top of similar products performance, FANDELI's Gold Products has become the Number 1 option for sanding bondo, primer finishes, wood, metal finishes and lacquers.

FANDELI's Gold Products Conting is excellent for reducing operating costs where anti-loading properties are required.

- PSA disc rolls are ready to fit our FANDELI one or two rolls dispensers.
- Perform for surface preparation and final finishing.
- Have a longer inner core to prevent harm on discs if falling and prevent "curling" at the end of the roll.



DISCS

SILVER PSA DISC ROLLS
SILICON CARBIDE

A090 Series

RESIN PAPER, STEARATED,
OPEN COAT



Grit	5" x 0 Part No.	6" x 0 Part No.	Discs/ Roll	Rolls/ Case
360	32524	32534	250	4
320	32525	32535	250	4
280	32526	32536	250	4
240	32527	32537	250	4
220	32528	32538	250	4
180	32529	32539	250	4
150	32530	32540	125	8
120	32531	32541	125	8
100	32532	32542	125	8
080	32533	32543	125	8

- Stearate helps to resist loading.
- Self-shapping grain provides increased productivity.
- Aggressive grain for heavy stock removal.



DISCS

PSA "PULL TAB" DISCS
ALUMINUM OXIDE

A080 Series

RESIN PAPER, STEARATED,
OPEN COAT

Grit	5" x 0 Part No.	6" x 0 Part No.	8" x 0 Part No.	5" x 5h Part No.	6" x 6h Part No.	Std. Box	Discs/ Case
P 800	32544	32574		32622	32640	50	500
P 600	32545	32575		32623	32641	50	500
P 400	32546	32576		32624	32642	50	500
P 320	32547	32577		32625	32643	50	500
P 280	32548	32578		32626	32644	50	500
P 240	32549	32579		32627	32645	50	500
P 220	32550	32580		32628	32646	50	500
P 180	32551	32581		32629	32647	50	500
P 150	32552	32582		32630	32648	50	500
P 120	32553	32583		32631	32649	50	500
P 100	32554	32584		32632	32650	50	500
P 080	32555	32585		32633	32651	50	500
P 400			32890			50	250
P 320			32891			50	250
P 220			32894			50	250
P 180			32895			50	250
P 150			32896			50	250
P 120			32897			50	250

- Specially treated stearate for minimum loading.
- Pressure Sensitive Adhesive backing.
- Constructed with a high performance Aluminum Oxide mineral.
- Leaves a consistent finish.
- Standard vacuum hole patterns.
- Special "Pull Tab" for easy handling.



DISCS

PSA "PULL TAB" DISCS
ALUMINUM OXIDE

D080 and E080 Series

RESIN PAPER, STEARATED,
OPEN COAT

D Weight Paper (D080 Series)

Grit	5" x 0 Part No.	6" x 0 Part No.	8" x 0 Part No.	5" x 5h Part No.	6" x 6h Part No.	8" x 8h Part No.	Std. Box	Boxes/ Case
P100	32556	32586	32604	32634	32652	32658	50	5
P080	32557	32587		32635	32653		50	5

E Weight Paper (E080 Series)

Grit	5" x 0 Part No.	6" x 0 Part No.	8" x 0 Part No.	5" x 5h Part No.	6" x 6h Part No.	8" x 8h Part No.	Std. Box	Boxes/ Case
P080	32558	32588	32606	32636	32654	32660	50	5
P060	32559	32589	32607	32637	32655	32661	50	5
P040	32560	32590	32608	32638	32656	32662	50	5
P036	32561	32591	32609	32639	32657	32663	50	5

- Heavy D and E weight paper backing for tough requirements.
- State-of-the-art technology that provides a fine scratch pattern for a perfect finish.
- Heat treated Aluminum Oxide delivers an exceptionally long lasting cut.
- Consistent grain distribution gives a maximum quality to all paint and lacquer work.



DISCS

BISON PSA "PULL TAB" DISCS
ALUMINUM OXIDE

B080 Series

RESIN PAPER, STEARATED,
OPEN COAT

Grit	5" x 0 Part No.	6" x 0 Part No.	Std. Box	Boxes/ Case
P080	33532	33612	50	10
P100	33533	33613	50	10
P120	33534	33614	50	10
P150	33535	33615	50	10
P180	33536	33616	50	10
P220	33537	33617	50	10
P240	33538	33618	50	10
P320	33539	33619	50	10
P400	33540	33620	50	10
P600	33541	33621	50	10
P800	33542	33622	50	10
P1000	33543	33623	50	10
P1200	33544	33624	50	10
P1500	33545	33625	50	10
P2000	33546	33626	50	10

- New formulation provides greater cutting ability, saving time and money.
- Full line with neutral colors that prevent bleed through.
- FEPA (P) graded Premium Aluminum Oxide.



DISCS

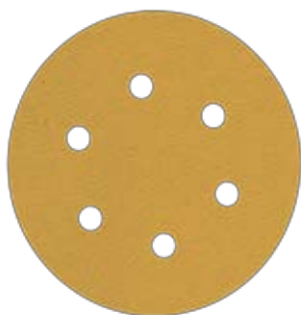
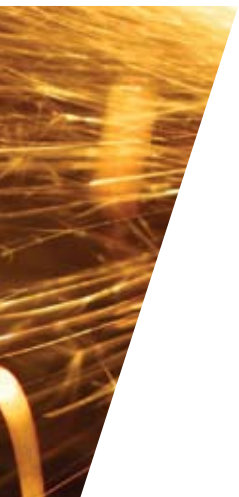
BISON KWIK GRIP (Velcro®)
ALUMINUM OXIDE

B080 Series

RESIN PAPER, STEARATED,
OPEN COAT

Grit	5" x 0 Part No.	6" x 0 Part No.	6" x 6h Part No.	Std. Box	Boxes/ Case
P080	33552	33642	33660	100	4
P100	33553	33643	33661	100	4
P120	33554	33644	33662	100	4
P150	33555	33645	33663	100	4
P180	33556	33646	33664	100	4
P220	33557	33647	33665	100	4
P240	33558	33648	33666	100	4
P320	33559	33649	33668	100	4
P400	33560	33650	33669	100	4
P600	33561	33651	33670	100	4
P800	33562	33652	33671	100	4
P1000	33563	33653		100	4
P1200	33564	33654		100	4
P1500	33565	33655		100	4
P2000	33566	33656		100	4

- Available in super fine grits for finishing operations.
- Velcro® system for speedy and convenient on and off removal of discs.
- Vacuum discs are designed with a standard hole pattern for dust-free sanding.



DISCS

KWIK GRIP (Velcro®)
ALUMINUM OXIDE

A080 Series

RESIN PAPER, STEARATED,
OPEN COAT

Grit	5" x 0 Part No.	5" x 5h Part No.	6" x 0 Part No.	6" x 6h Part No.	Std. Box	Discs/ Case
P 800	32664	32706	32682	32682	100	400
P 600	32665	32665	32683	32683	100	400
P 400	32666	32708	32684	32726	100	400
P 320	32667	32709	32685	32727	100	400
P 280	32668	32710	32686	32728	100	400
P 240	32669	32711	32687	32729	100	400
P 220	32670	32712	32688	32730	100	400
P 180	32671	32713	32689	32731	100	400
P 150	32672	32714	32690	32732	100	400
P 120	32673	32715	32691	32733	100	400
P 100	32674	32716	32692	32734	100	400
P 080	32675	32717	32693	32735	100	400

- Convenient Velcro® system for easy attachment and durability.
- Resists heat build-up and loading.
- Vacuum discs designed with a standard hole pattern for dust-free sanding.
- Full resin bonding on quality latex paper.

Velcro is a registered name of Velcro USA.



DISCS

PSA CLOTH DISCS
ALUMINUM OXIDE

***X-88, X088, R-13, R013, S-18
and S-20 Series***

PREMIUM
RESIN BOND

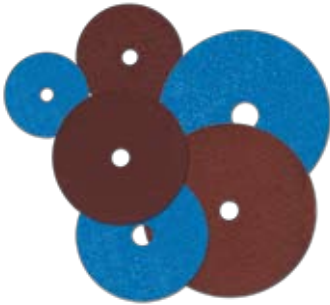


	1", 1-1/2", 2", 3", 4"		5", 6", 7", 8", 9"		10" up to 22"		24"	
Grit	Discs/ Pack	Discs/ Case	Discs/ Pack	Discs/ Case	Discs/ Pack	Discs/ Case	Discs/ Pack	Discs/ Case
120	100	500	50	250	25	50	10	10
100	100	500	50	250	25	50	10	10
080	100	500	50	250	25	50	10	10
060	100	500	50	250	25	50	10	10
050	100	500	50	250	25	50	10	10
040	100	500	50	250	25	50	10	10
036	100	500	50	250	25	50	10	10

- Other grits available on request.
- Tough cloth backing.
- Superior back resists breaking and cracking.
- Discs available on Non-PSA, PSA and Kwik-Grip (Velcro®).

- X88: Aluminum Oxide, resin/resin bond, closed coat, grits: 24 to 240 and 320.
- X088: Aluminum Oxide, resin/resin bond, open coat, grits: 24 to 240 and 320.
- R13: Zirconia Alumina, resin bond, closed coat, grits: p24 to p120.
- R013: Zirconia Alumina, resin bond, open coat, grits: p24 to p120.
- S20: Ceramic, resin bond, closed coat, grits: 24 to 120.
- S18: Zirconia Alumina, resin bond, closed coat, grits: 24 to 120.

DISCS



RESIN FIBER DISCS

G-88 and G-18 Series

Aluminum Oxide (G-88 Series)

Grit	9-1/8"x7/8" Part No.	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	4" x 7/8" Part No.	Discs/ Pack	Discs/ Case
120	32764	32756	32748	32934	32990	25	100
100	32765	32757	32749	32935	32991	25	100
80	32766	32758	32750	32936	32992	25	100
60	32767	32759	32751	32937	32993	25	100
50	32768	32760	32752	32938	32994	25	100
36	32769	32761	32753	32939	32995	25	100
24	32770	32762	32754	32940	32996	25	100
16	32771	32763	32755	32941	32997	25	100
MAX RPM	4,500	5,400	11,500	12,500	13,000		

- Heat treated Aluminum Oxide delivers an exceptionally long lasting cut.
- Strong resin fiber backing with superior resin bonding gives greater grain support.
- Reduces operating costs by a faster grinding process of metallic products.
- Packed with exclusive disc holders.

Zirconia Alumina (G-18 Series)

Grit	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	Discs/ Pack
80	32777	32772	10446	25
60	32778	32773	14290	25
50	32779	32774		25
36	32780	32775	01960	25
MAX RPM	5,400	11,500	12,500	

- Extra-strength fiber backing for coarser grinding.
- Constructed to cut faster on stainless steel and hard metals.
- Grinds cooler, resulting in a greater product life.
- Packed with exclusive disc holder



DISCS

RESIN FIBER DISCS

G-20 and G-21 Series

Premium Ceramic (G-20 Series)

Grit	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	Discs/ Pack	Discs/ Case
120	33956	33949	33942	25	100
100	33957	33950	33943	25	100
80	33958	33951	33944	25	100
60	33959	33952	33945	25	100
50	33960	33953	33946	25	100
36	33961	33954	33947	25	100
24	33962	33955	33948	25	100
MAX RPM	5,400	11,500	12,500		

- For superior grinding of mild steel applications.
- High rate cut, extended life.
- Strong resin fiber backing.

Ceramic blend w/super size (G-21 Series)

Grit	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	Discs/ Pack	Discs/ Case
120	33935	33928	33921	25	100
100	33936	33929	33922	25	100
80	33937	33930	33923	25	100
60	33938	33931	33924	25	100
50	33939	33932	33925	25	100
36	33940	33933	33926	25	100
24	33941	33934	33927	25	100
MAX RPM	5,400	11,500	12,500		

- Improved cut rate blend of ceramic grain and Aluminum Oxide.
- Recommended for stainless steel applications, weld and combination of carbon and stainless steel grinding.

DISCS

RESIN FIBER DISCS

G-22 and G-23 Series

Ceramic Blend (G-22 Series)

Grit	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	Discs/ Pack	Discs/ Case
120	33914	33907	33900	25	100
100	33915	33908	33901	25	100
80	33916	33909	33902	25	100
60	33917	33910	33903	25	100
50	33918	33911	33904	25	100
36	33919	33912	33905	25	100
24	33920	33913	33906	25	100
MAX RPM	5,400	11,500	12,500		

- Blend of ceramic grain and Aluminum Oxide.
- Good for stock removal and weld grinding of stainless steel and carbon steel.

Premium Ceramic w/super size (G-23 Series)

Grit	7" x 7/8" Part No.	5" x 7/8" Part No.	4-1/2"x7/8" Part No.	Discs/ Pack	Discs/ Case
120	33977	33970	33963	25	100
100	33978	33971	33964	25	100
80	33979	33972	33965	25	100
60	33980	33973	33966	25	100
50	33981	33974	33967	25	100
36	33982	33975	33968	25	100
24	33983	33976	33969	25	100
MAX RPM	5,400	11,500	12,500		

- Premium ceramic on a heavy vulcanized fibre backing.
- Cool and fast cutting action.
- Superior grinding on all types of carbon steel.



DISCS

KWIK-CHANGE DISCS

Y-88, R-88 and S-18 Series

2-PLY LAMINATED RESIN BOND
SCREW-ON (TYPE R) III



Premium Aluminum Oxide (Y-88 and R-88 Series)

Grit	3/4" & 1" Part No.	1-1/2" Part No.	2" Part No.	Discs/ Pack	3" Part No.	Discs/ Pack
24	X	X	32867	100	32887	50
36	X	09574	32866	100	32886	50
40	X	X	32865	100	32885	50
50	X	X	32864	100	32884	50
60	X	09572	32863	100	32883	50
80	X	21195	32862	100	32882	50
100	X	08604	32861	100	32881	50
120	X	09573	32860	100	32880	50
180	X	27303	18749	100	18741	50
240	X	X	01353	100	09407	50

Premium Zirconia Alumina (S-18 Series)

Grit	3/4" & 1" Part No.	1-1/2" Part No.	2" Part No.	Discs/ Pack	3" Part No.	Discs/ Pack
24	X	21457	32823	100	32826	50
36	X	19802	32822	100	32825	50
40	X	X	X	100	X	50
50	X	X	32821	100	32824	50
60	X	19803	18433	100	17836	50
80	X	19804	05591	100	17837	50
100	X	X	12513	100	X	50

- Convenient sizes for difficult to reach grinding operations.
- Tough poly-cotton and polyester backings and resin bonding systems.
- Plastic button.
- Packaging designed for easy handling.
- X: Product available with no code.
- Also available on twist lock (type S) II and snap-on (type P) I.

DISCS



KWIK-CHANGE DISCS

S-20 Series

CERAMIC
SCREW-ON (TYPE III R)

Grit	1-1/2" Part No.	2" Part No.	Discs/ Pack	3" Part No.	Discs/ Pack
24	X	X	100	X	50
36	X	08996	100	X	50
40	X	X	100	X	
50	X	24193	100	X	50
60	X	09023	100	X	50
80	X	09027	100	X	50
100	X	09030	100	X	50

- Available only on Type III (Screw-on)
- Convenient sizes for difficult to reach grinding operations.
- Tough poly-cotton and polyester backings and resin bonding systems.
- Plastic button.
- Packaging designed for easy handling.
- X: Product available with no code.



ROLLS

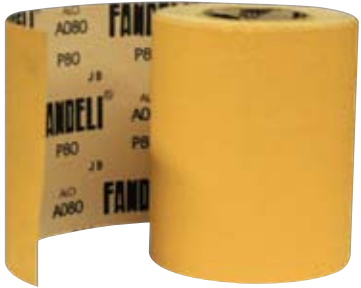
BISON PSA ROLLS
ALUMINUM OXIDE

B080 Series

STEARATED, RESIN PAPER,
OPEN COAT



Grit	2-3/4" x 45 yds. Part No.	2-3/4" x 30 yds. Part No.	2-3/4" x 25 yds. Part No.	Rolls/ Box	Discs/ Pack
P 600	31000			1	10
P 400	31001			1	10
P 320	31002			1	10
P 220	31003			1	10
P 180	31004			1	10
P 150	31005			1	10
P 120		31006		1	10
P 100		31007		1	10
P 080			31008	1	10



ROLLS

PSA ROLLS

A080 and A090 Series

A080 ALUMINUM OXIDE, STEARATED GOLD, A-WEIGHT, RESIN BOND PAPER, OPEN COAT

Grit	4-1/2" x 10 yds. Part No.	2-3/4" x 45 yds. Part No.	2-3/4" x 30 yds. Part No.	2-3/4" x 25 yds. Part No.	Rolls/ Box	Rolls/ Case
P 600		30508			1	10
P 400	30500	30509			1	10
P 320	30501	30510			1	10
P 220	30502	30511			1	10
P 180	30503	30512			1	10
P 150	30504	30513			1	10
P 120	30505		30514		1	10
P 100	30506		30515		1	10
P 080	30507			30516	1	10

- Backing resists wrinkling or tearing.
- Four convenient lengths of rolls.
- Roll boxes designed for easy dispensing.

A090 SILICON CARBIDE A-WEIGHT, STEARATED, OPEN COAT

Grit	4-1/2" x 10 yds. Part No.	Rolls/ Box	Rolls/ Case
320	30517	1	10
220	30518	1	10
180	30519	1	10
150	30520	1	10
120	30521	1	10
100	30522	1	10
080	30523	1	10

- Self-sharpening grain provides increased productivity.
- Resists loading.
- A good alternative when price is an important issue.

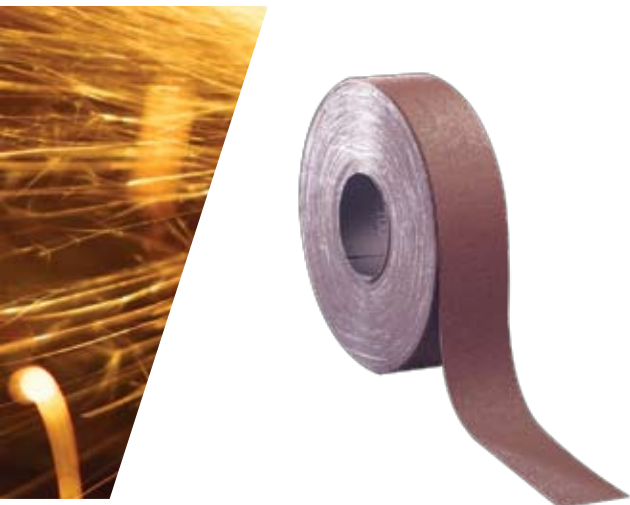


ROLLS

ECONOMY ROLLS

J-86 and X-86 Series*

ALUMINUM OXIDE ,
CLOTH



Grit	1" x 50 yds. Part No.	1-1/2" x 50 yds. Part No.	2" x 50 yds. Part No.	Rolls/ Box	Rolls/ Case
400J	00655	00643	00668	1	10
320J	00654	00642	00667	1	10
280J	00653	00641	00666	1	10
240J	00652	00640	00665	1	10
220J	00651	00639	00664	1	10
180J	02556	00638	00663	1	10
150J	00649	00636	00662	1	10
120J	00648	00635	00661	1	10
100J	00647	00634	00660	1	10
80J	00646	00633	00650	1	10
60X	01085	02674	01473	1	10
50X	02671	05753	02673	1	10
40X	02669	18426	02670	1	10

- J-86: A semi-flexible J wt. cloth backing.
- X-86: X wt. cloth backing for tougher applications.
- Three convenient widths of rolls.
- EZ View packaging to prevent lack of product.
- Tear to the desired length of product for manual use.

* Also available in JF87 flexible cloth

JF87: Aluminum Oxide, Jwt. flexible cloth, grits: p40 to p400



ROLLS

FLOOR PAPER ROLLS

Z096, ZF98 and E-96 Series

SILICON CARBIDE

Open Coat (Z096 Series)

Grit	8" x 50 yds. Part No.	Rolls/ Box	Rolls/ Case
12	13254	1	3
16	12856	1	3
20	05952	1	3
24	06769	1	3

- Combination paper for superior strength.
- Open coat to prevent loading.
- Resin over glue system.

Open Coat (ZF98 Series)

Grit	8" x 50 yds.	Rolls/ Box	Rolls/ Case
12		1	3
16		1	3
20		1	3
24		1	3

- Fwt paper, silicon carbide.
- Open coat.
- For wood and plastic applications.

Closed Coat (E-96 Series)

Grit	8" x 50 yds. Part No.	Rolls/ Box	Rolls/ Case	12"x50yds. Part No.	Rolls/ Case
24	01076	1	3		1
30	11807	1	1	11808	1
36	01077	1	3	11809	1
40	19409	1	3	11827	1
50	01078	1	3	11800	1
60	01079	1	3	20050	1
80	01080	1	3	11801	1
100	02530	1	3	04521	1
120	02536	1	3		1

- E wt. paper backing.
- For more accurate finishes.
- Resin over glue system.



SHEETS

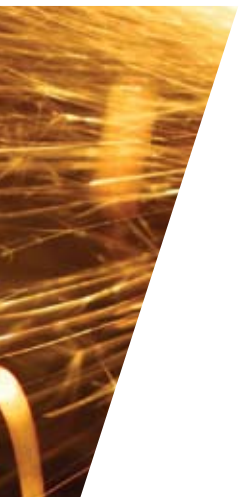
BISON SHEETS

B080 Series

STEARATED, ALUMINUM OXIDE,
RESIN PAPER, OPEN COAT



Grit	9" x 11" Part No.	Std. Box	Boxes/ Case	5-1/2" x 9" Part No.	Std. Box	Boxes/ Case
P080	30284	100	5			
P100	30285	100	5			
P120	30286	100	5			
P150	30287	100	5			
P180	30288	100	5			
P220	30289	100	5			
P240	30290	100	5			
P280	30291	100	5			
P320	30292	100	5			
P400	30293	100	5			
P600	30294	100	5			
P800	30295	100	5			
P1000	30296	100	5	30280	50	5
P1200	30297	100	5	30281	50	5
P1500	30298	100	5	30282	50	5
P2000	30299	100	5	30283	50	5



SHEETS

CLOTH SHEETS

J-86 and X-86 Series*

ALUMINUM OXIDE

J-86 BROWN ALUMINUM OXIDE J-WEIGHT CLOTH, RESIN/RESIN BOND

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
400	30220	50	250
320	30221	50	250
280	30222	50	250
240	30223	50	250
220	30224	50	250
180	30225	50	250
150	30226	50	250
120	30227	50	250
100	30228	50	250
080	30229	50	250

X-86 ALUMINUM OXIDE X-WEIGHT CLOTH, RESIN/RESINBOND

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
060	30230	25	125
050	30231	25	125
040	30232	25	125
036	30233	25	125

* Also available in JF87 flexible cloth

JF87: Aluminum oxide, Jwt. flexible cloth, grits: p40 to p400



SHEETS

CLOTH SHEETS

J-73 and N-72 Series

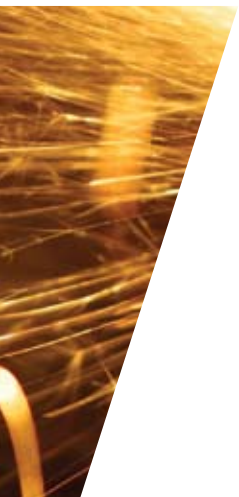
EMERY CLOTH
CROCUS CLOTH

J-73 EMERY CLOTH J-WEIGHT

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
Fine	30240	50	250
Medium	30241	50	250
Coarse	30242	25	125

N-72 CROCUS CLOTH

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
Crocus	19392	50	500



SHEETS

***A081, C081, D081
and K-6 1 Series***

PAPER SHEETS
ALUMINUM OXIDE

Cabinet Paper, Open Coat (A081, C081 and D081 Series)

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
280C	30146	100	500
240C	30147	100	500
220C	30148	100	500
180C	30149	100	500
150C	30028	100	500
120C	30029	100	500
100C	30030	100	500
080A	30027	50	500
080D	30031	50	500
060D	30032	25	250
050D	30033	25	250
040D	30034	25	250
036D	30035	25	250

White Aluminum Oxide, Kraft Paper (K-61 Series)

Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
FINE	08337	50	500
MEDIUM	09582	50	500
COARSE	08328	25	250



SHEETS

PAPER SHEETS
ALUMINUM OXIDE

A080 Series

FEPA GRADED,
STEARATED, OPEN COAT



Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
800	30036	100	500
600	30037	100	500
400	30038	100	500
320	30039	100	500
280	30040	100	500
240	30041	100	500
220	30042	100	500
180	30043	100	500
150	30044	100	500
120	30045	100	500
100	30046	100	500
80	30047	50	250

- Backing resists wrinkling or tearing.
- Special stearate coating to minimize loading.
- Designed for dry sanding applications.



SHEETS

PAPER SHEETS

A-99, B-99 and C-99 Series

WATERPROOF PAPER

Grit	9" x 11" Part No.	Series	Std. Sleeve	Sheets/ Case
2000	30080	B-99	50	500
1500	30000	B-99	50	500
1200	30001	B-99	50	500
1000	30081	B-99	50	500
800	30156	Q-99	50	500
600	30002	A-99	50	500
500	30003	A-99	50	500
400	30004	A-99	50	500
360	30005	A-99	50	500
320	30006	A-99	50	500
280	30007	A-99	50	500
240	30008	A-99	50	500
220	30009	A-99	50	500
180	30010	C-99	50	500
150	30011	C-99	50	500
120	30012	C-99	50	500
100	30013	C-99	50	500
80	30014	C-99	50	500
60	30015	C-99	50	500

- B-99 Series are JIS graded, A-99 and C-99 are ANSI graded.
- Q-99 Series is FEPA (P) graded
- Premium latex backing which resists water, tearing and wrinkling during sanding.
- Durable and flexible waterproof paper.



SHEETS

PAPER SHEETS
SILICON CARBIDE

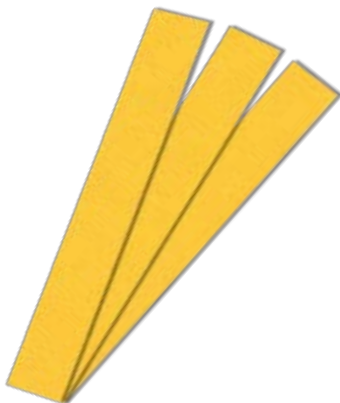
A090 Series

ANSI GRADED,
STEARATED PAPER, OPEN COAT



Grit	9" x 11" Part No.	Std. Sleeve	Sheets/ Case
360	30048	100	1000
320	30049	100	1000
280	30050	100	1000
240	30051	100	1000
220	30052	100	1000
180	30053	100	1000
150	30054	100	1000
120	30055	100	1000
100	30056	100	1000
080	30057	50	500

- Resists loading.
- Self-sharpening grain provides increased productivity.



BODY FILES

ALUMINUM OXIDE
PAPER BACKINGS

D080 and D081 Series

ANSI GRADED, OPEN COAT, D-WEIGHT

D080 Series

Grit	NON-PSA 2-3/4" x 17-1/2" Part No.	Std. Sleeve	Sheets/ Case
100	30304	50	500
80	30305	50	500

Grit	PSA 2-3/4" x 16-1/2" Part No.	Std. Sleeve	Sheets/ Case
100	30310	100	500
80	30311	50	500

D081 Series

Grit	NON-PSA 2-3/4" x 17-1/2" Part No.	Std. Sleeve	Sheets/ Case
80	30000	100	500
60	30301	100	500
40	30302	100	500
36	30303	100	500

- Designed for shaping, finishing and edging fillers.
- Ideal for the sanding of flat metallic surfaces.
- Open coats prevents loading.
- Provides the improved rate of cut with maximum life and consistent finish.
- Heavy backing resists wrinkling or tearing.
- PSA Body files with "pull tabs" for easy and quick handling.



BODY FILES

ALUMINUM OXIDE
PAPER BACKINGS

E080 Series

FEPA GRADED, STEARATED,
OPEN COAT, E-WEIGHT

Non-PSA

Grit	2-3/4" x 17-1/2" Part No.	Std. Sleeve	Files/ Case
80	30306	50	500
60	30307	50	500
40	30308	50	500
36	30309	50	500

PSA

Grit	2-3/4" x 16-1/2" Part No.	Std. Sleeve	Files/ Case
80	30312	50	500
60	30313	50	500
40	30314	50	500
36	30315	50	500

- Designed for shaping, finishing and edging fillers.
- Ideal for the sanding of flat metallic surfaces.
- Open coats prevents loading.
- Provides the improved rate of cut with maximum life and consistent finish.
- Heavy backing resists wrinkling or tearing.
- PSA Body files with "pull tabs" for easy and quick handling.

BODY FILES

CLOTH BACKINGS

X088 and R013 Series



Aluminum Oxide, PSA, Open Coat (X088 Series)

Grit	2-3/4" x 16-1/2" Part No.	Std. Sleeve	Files/ Case
80	30338	50	250
40	30340	50	250
36	30341	50	250

Aluminum Oxide & Zirconia Alumina, PSA, Open Coat (R013 Series)

Grit	2-3/4" x 16-1/2" Part No.	Std. Sleeve	Files/ Case
80	30410	50	250
40	30411	50	250
36	30412	50	250

- Special "pull tab" for easy use.
- X088 is a tough X cotton cloth backing.
- R013 is made with a superior backing that resists breaking and cracking.



WHEELS

FLAP WHEELS
UNMOUNTED

R-88 and Y-88 Series

ALUMINUM OXIDE,
RESIN BOND CLOTH



Non-PSA

Grit	4"x1"x 5/8" Part No.	6" x 1" x 1" Part No.	6"x 1-1/2" x1"Part No.	6" x 2" x 1" Part No.	6" x 3" x 1" Part No.	8" x 1" x 1" Part No.	8" x 2" x 1" Part No.	Wheels/ Case
40	15456							10
60	05755							10
80	01056							10
120	01057							10
180								10
40			05649	05677	15455			5
60		05644	05651	05680	10949			5
80		05645	05652	05681	02152			5
100		05646		09447				5
120		05647	05654	05683	02158			5
180		05648	05655	05684	02162			5
240		02163		11017				5
320		12847						5
60						05687	05694	3
80						05688	05695	3
100						05689		3
120						05690	05697	3
180						05691	05698	3
240						16209		3
320						09571		3
MAX RPM	9,000	6,000	6,000	6,000	6,000	4,400	4,400	

- R-88 & Y-88 Series.
- Aluminum Oxide A.N.S.I. Graded.
- Poly-cotton.
- Ideal for grinding metal and wood.
- Also available mounted with epoxied center.



WHEELS

MINI-FLAP WHEELS
MOUNTED

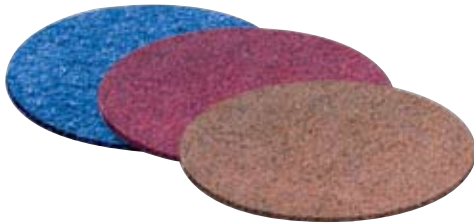
R-88 and X-88 Series

ALUMINUM OXIDE,
RESIN BOND CLOTH

DIAMETER x WIDTH x SHANK

Grit	1" x 1" x 1/4" Part No.	2" x 1" x 1/4" Part No.	3" x 1" x 1/4" Part No.	Wheels/ Box	Wheels/ Case
50				5	50
60	35500	35510	35520	5	50
80	35501	35511	35521	5	50
100				5	50
120	35502	35512	35522	5	50
150				5	50
180	35503	35513		5	50
220				5	50
240		35114		5	50
280				5	50
320	35504	35515		5	50
400				5	50
MAX RPM	30,000	23,000	20,000		

- X-88 Series.
- Made of Premium Aluminum Oxide.
- Ideal for the grinding of hard-to-reach metal areas.

**NON-WOVEN PRODUCTS****NON-WOVEN DISCS****L-21 Series****SURFACE PREPARATION DISC
KWIK CHANGE****SCREW-ON (TYPE R) III**

Grit	1-1/2" Part No.	Discs/ Box	Discs/ Case	2" Part No.	Discs/ Box	Discs/ Case	3" Part No.	Discs/ Box	Discs/ Case
COARSE	35802	100	1000	35805	50	500	35808	25	250
MEDIUM	35803	100	1000	35806	50	500	35809	25	250
VERY FINE	35804	100	1000	35807	50	500	35810	25	250

TWIST & LOCK (TYPE S) II

Grit	1-1/2" Part No.	Discs/ Box	Discs/ Case	2" Part No.	Discs/ Box	Discs/ Case	3" Part No.	Discs/ Box	Discs/ Case
COARSE	X	100	1000	06413	50	500	22003	25	250
MEDIUM	X	100	1000	06393	50	500	21601	25	250
VERY FINE	05858	100	1000	06408	50	500	21600	25	250

- Superior non-woven product for longer lasting disc life.
- Consistent distribution of grit throughout the material.
- A fresh cutting surface is exposed as the fiber wears.
- X: Products available with no code.

NON-WOVEN PRODUCTS



HAND PADS

Grit	Color	Ref.	6" x 9" Part No.	Pads/ Box	Pads/ Case
GENERAL PURPOSE	Maroon	8447	35840	20	60
HIGH PERFORMANCE	Maroon	8447-B	35841	20	60
ULTRA FINE	Gray	8448	35842	20	60
HIGH PERFORMANCE	Gray	8448-B	35839	20	60
HEAVY DUTY	Tan	8440	35843	20	40
GEN. PURPOSE	Green	896	35844	20	60
HIGH DENSITY	Green	896-B	35846	20	60
NON ABRASIVE	White	8445	35845	20	60

- Easy to conform in edges and difficult-to-reach zones.
- For general cleaning, scuffing and blending.
- Fast stock removal resulting in quicker production times.

**NON-WOVEN PRODUCTS**

KLEAN & FINISH ROLLS & DISCS

L-25 and L-26 Series

ABRASIVE WOOL

L-30 Series

Grit	Color	4" x 30 ft. Part No.	6" x 30 ft. Part No.	Rolls/ Box	Rolls/ Case
VERY-FINE "A" XS	Maroon	35815	35816	1	1
MICRO-FINISH "S"	Gray	35817	35818	1	1

Scuff Discs

Grit	6" x 0 Part No.	Discs/ Box	Discs/ Case
L-25 VERY-FINE	35825	10	40
L-26 MICRO-FINISH	35826	10	40

- To be used with hand tools or hand sanding.
- Two convenient lengths of rolls to be cutted as needed.
- For finishing and general cleaning.

Abrasive Wool

Grit	Color	Part No.	Std. Box	Boxes/ Case
COARSE	Red	35849	1	4
MEDIUM	Maroon	35848	1	4
FINE	Gray	35847	1	4

- Highly conformable.
- Will not rust, use it wet or dry.
- Can be used and reused.
- It can be used in the smallest swab and shaped for difficult-to-reach holes and corners.
- It can also be used in handfuls to achieve excellent hand-finished surface.

NON-WOVEN PRODUCTS

STRIP & KLEEN DISCS

L-92

SCREW-ON (TYPE R) III, NON-WOVEN DISCS



SCREW-ON (TYPE R) III

Size	Color	Ref.	Screw-On Part No.	Std. Pkg.	Pkgs./ Case	Disc Holder Part No.	Std. Pkg.	Pkgs./ Case
2"	Black	L-92	35811	20	3	35898	10	1
3"	Black	L-92	35812	10	3	35899	10	1
4"	Black	L-92	35813	5	3			

PLAIN DISCS

Size	Color	Ref.	Part No.	Std. Pkg.	Pkgs./ Case
4" x 1/4"	Black	L92	35814	10	3
Mandrel	For part # 35814		35993	1	1

- Other sizes available upon request.

**NON-WOVEN PRODUCTS****SURFACE CONDITIONING BELTS****L-21 Series**

Grit	Color	1/2" x 18" Part No.	Belts/ Case	1/2" x 24" Part No.	Belts/ Case	3/4" x 18" Part No.	Belts/ Case
COARSE	Brown	35018	20	35021	20	35024	20
MEDIUM	Maroon	35019	20	35022	20	35025	20
VERY FINE	Blue	35020	20	35023	20	35026	20
Grit	Color	1" x 42" Part No.	Belts/ Case	2" x 48" Part No.	Belts/ Case	2" x 72" Part No.	Belts/ Case
COARSE	Brown	35027	10	35029	10	35031	10
MEDIUM	Maroon	35028	10	35030	10	35032	10
VERY FINE	Blue	35038	10	35039	10	35040	10
Grit	Color	2" x 132" Part No.	Belts/ Case	2-3/4" x 15-1/2" Part No.	Belts/ Case	3" x 10-11/16" Part No.	Belts/ Case
COARSE	Brown	35033	5	35036	10	35003	10
MEDIUM	Maroon	35034	5	35037	10	35004	10
VERY FINE	Blue	35035	5	35041	10	35005	10
Grit	Color	3" x 18" Part No.	Belts/ Case	3" x 24" Part No.	Belts/ Case	3" x 132" Part No.	Belts/ Case
COARSE	Brown	35006	10	35009	10	35002	5
MEDIUM	Maroon	35007	10	35100	10	35001	5
VERY FINE	Blue	35008	10	35011	10	35000	5
Grit	Color	3-1/2" x 15-1/2" Part No.	Belts/ Case	6" x 48" Part No.	Belts/ Case	- FANDELI's non-woven belts are designed for a superior finishing operation. - It's unique combination of synthetic fibers and abrasive particles produce an open and flexible material. - They eliminate contamination such as corrosion, old paint layers, varnish and finishes without modifying the surface's original base.	
COARSE	Brown	35012	10	35015	5		
MEDIUM	Maroon	35013	10	35016	5		
VERY FINE	Blue	35014	10	35017	5		

MISCELLANEOUS

DISC PADS FOR RANDOM ORBITAL SANDERS



SCREW-ON (TYPER) III

	5" x 0 Holes Part No.	6" x 0 Holes Part No.	8" x 0 Holes Part No.	5" x 5 Holes Part No.	6" x 6 Holes Part No.	8" x 8 Holes Part No.	Pads/ Case
PSA	35850	35851	35852	35860	35861 35865*	35862	1
Kwik Grip	35870	35871	35872	35880	35881	35882	1
Interface w/Hooks	35874	35877					1
PSA Hand Sanding	35854	35855					1
Velcro Hand Sanding	35873	35876					1

* Part No. 35865 is low profile.

- PSA - Pressure Sensitive Adhesive
- Kwik Grip - Velcro™



RETAIL PACKAGING AND ABRASIVE SPONGES

SAME HIGH QUALITY IN
SMALLER QUANTITIES

B080, A080, B-99 AND Q-99 SERIES

B080, A080, B99 AND Q99 Series

Grit	9"x11" sheets Part No.	6" PSA discs Part No.	Standard Package	Standard Case
P 220	35108		5	10
P 320	35107		5	10
P 400	35106		5	10
P 600	35105		5	10
1000	35104		5	10
1500	35102		5	10
2000	35101		5	10
P 80		35213	5	10
P 180		35212	5	10
P 320		35211	5	10
P 400		35210	5	10

- **Q-99** Wet/Dry paper-fine and very fine
- **B-99** Wet/Dry paper-super fine
- **A080** Striping-coarse, finishing-fine and finishing-very fine
- **B080** Polishing-very fine

Abrasives Sponges

Grit	5 1/2"x4 1/2"x 3/16" Part No.	3 3/4" x 2 3/4" x 1" Part No.	3 7/8" x 2 3/4" x 1" Part No.	4 3/4" x 3 7/8" x 1/2" Part No.	Standard Case
P 60	35450 ¹		35470 ³	35480 ⁴	30/ 20 / 25
P 100	35451 ¹			35471 ³ / 35481 ⁴	30/20/
P 180	35452 ¹				30
P 280	35453 ¹				30
P 400	35454 ¹				30
P 600	35455 ¹				30
P 150		35461 ²		35482 ⁴	20/25
P 220			35462 ²	35483 ⁴	20/25

¹ Detail Abrasive Ponge Pad

² Standard Abrasive Sponge

³ Dual Angled Abrasive Sponge

⁴ Abrasive Sponge Hand Pad

- Highly flexible and versatile
- Our sponges and pads conforms to different surfaces, allowing user to reach difficult areas.

- Great variety of forms and grits available.

MISCELLANEOUS



HAND FILE SANDERS KWIK CHANGE DISC HOLDERS

HAND FILE SANDERS

Part No. 35990 - PSA

Part No. 35991 - Kwik Grip

- PSA - Pressure Sensitive Adhesive
- Kwik Grip - Velcro®

KWIK CHANGE DISC HOLDERS

Description	3/4" Part No.	1" Part No.	1-1/2" Part No.	2" Part No.	3" Part No.	Wheels/ Case
Screw-on Disc Holder, Type III (R)		35902	35897	35898	35899	10
Twist & Lock Disc Holder, Type II (S)	35900	35893	35894	35895	35896	10
Snap-on Disc Holder, Type I (P)		35901	35890	35891	35892	10
MAX RPM	30,000	30,000	25,000	25,000	18,000	



MISCELLANEOUS

PRODUCT CABINET, ROLL DISPENSERS & SHEET DISPLAY



PRODUCT CABINET

Part No. 08533

- Two doors with lock.
- Permanent shelf.
- 32.48" L x 12" W x 30" H
- 26 gauge steel with reinforced backing.

ROLL DISPENSERS

Part No. 35996 - Two roll dispenser

- One or two roll dispensers.
- For 5" and 6" rolls.
- Easy to handle.

9" X 11" SHEET DISPLAY

Part No. 35999



Line	Backing	Mineral	Coating	GRITS																	Final Forms	Applications							Jumbo Width (in.)	Brand	Adhesive	Line
				OTHER	2000	1500	1200	1000	800	600	500	400	360	320	240	280	220	180	150	120	100	80	60	40	36	24	20	16				
A080*	lube paper	ALO Premium	open coat																													
A090*	B Wt Tube paper	SIC	open coat																													
A-99	Waterproof paper	SIC	closed coat																													
B080*	Waterproof paper	ALO Premium	open coat																													
B-99	Waterproof paper	SIC	closed coat																													
C081	Cabinet paper	ALO	open coat																													
C-99	Waterproof paper	SIC	closed coat																													
D080*	D Wt Tube paper	ALO Premium	open coat																													
D081	Cabinet paper	SIC	open coat																													
E-63	E Wt Paper	White ALO	closed coat																													
E080*	E Wt Tube paper	ALO Premium	open coat																													
E088	E Wt paper	ALO Premium	open coat																													
E-83	E Wt paper	ALO	closed coat																													
E-93	E Wt paper	SIC	closed coat																													
E-96	E Wt paper	SIC	closed coat																													
F084 ^o	F Wt paper	ALO Premium	open coat																													
G-18	Vulcanized fibre	ZIRC	closed coat																													
G-88	Vulcanized fibre	ALO Premium	closed coat																													
J-73	Emery cloth	ALO	closed coat																													
J-86	J Wt Cotton cloth	ALO	closed coat																													
J-87	J Wt Cotton cloth	ALO	closed coat																													
J-88**	J Wt Flexible cloth	ALO Premium	closed coat																													
K-61	Kraft paper	White ALO	closed coat																													
N-72	N Wt Cotton Cloth	crocus	closed coat																													
R013	X Wt Poly-cotton cloth	ALO/ZIRC	open coat																													
R-13	X Wt Poly-cotton cloth	ALO/ZIRC	closed coat																													
R-88	X Wt Poly-cotton cloth	ALO Premium	closed coat																													
R-98	X Wt Poly-cotton cloth	SIC	closed coat																													
S-18	Y Wt Polyester cloth	ZIRC	closed coat																													
S-19**	Y Wt Polyester cloth	ZIRC	closed coat																													
S-20**	Y Wt Polyester cloth	Ceramic	closed coat																													
S-98	Y Wt Polyester cloth	SIC	closed coat																													
S-99 ^o	S Wt Polyester cloth	SIC	closed coat																													
W-88	W Wt Waterproof cloth	ALO Premium	closed coat																													
W-98	W Wt Waterproof cloth	SIC	closed coat																													
X088	X Wt Cotton cloth	ALO Premium	open coat																													
X-86	X Wt Cotton cloth	ALO	closed coat																													
XR88	Heavy drill Cotton cloth	ALO Premium	closed coat																													
X-88	X Wt Cotton cloth	ALO Premium	closed coat																													
X-91	X Wt Cotton cloth	SIC	closed coat																													
X-98	X Wt Cotton cloth	SIC	closed coat																													
Y088	Y Wt Poly-cotton cloth	ALO Premium	open coat																													
Y-88	Y Wt Poly-cotton cloth	ALO Premium	closed coat																													
Y-98	Y Wt Poly-cotton cloth	SIC	closed coat																													
Z096	Combination	SIC	open coat																													
ZF98	H Wt Paper	SIC	open coat																													

* Dry Lubricant ^o Anti - static
** Grinding aid

P = FEPA - P Grading
XC = Extra Coarse
F = Fine

J = JIS Grading
M = Medium

F = FANDELI Brand U = Unbranded



CROSS REFERENCE CHART

FANDELI	3M	NORTON	CARBORUNDUM	HERMES	VSM	SIA	KLINGSPOR
A080	214U, 215U, 216U, 236U	A251, A275, A290, A296	A0711DO, B0712DO	VC151, HC133, HCAB	KP911	1960	PS12, PS33, PL36
A090	404N, 405N, 414N, 415N, 435N	A413, A414	B0411DO, AF0411DO	SA167, PSFLL	CP131A, 132A	1701AO, 1748	PL35
A99	410Q, 411Q, 413Q	T414, T481, T427	AF0412W	WS18A	CP918A	1727	PS11
B080	214U, 215U, 316U, 260L, 360L	A275	B0912DO	HC135	KP911	1949	PS12, PS33, PL36
B99	401Q, 414Q, 416Q	T427, T481	AF0415W	WS-Flex18B	CP918A	1727	PS11
C081	210N, 230N, 336U	A213, A270	C0811O	HFB	KP911 & MPG	1900, 1960	PL31
C091	430N	A412					
C99	431Q, 438Q	T461	C0414W	WS-Flex-18C	CP918C	1727	PS11
D080	232U, 245N, 246U	A290, H875	D0712DO	HCAB	MPG	1940, 1949	
D081	240N, 346U, 243U, 244U	A211	D0811O	HFB	KP31C, MPG	1940	
D091	435N, 440N	A412					
E080	251U	H290	E1214O				
E088	250U	H290	E0912O				
E83	251U	H290					
E93	451N	H425			GP-501		PS22
E96	451U	H425			CP-501		PL25
F084	260UZ, 261UZ, 362UZ, 363UZ	H248, H258	F0714AO	BW112, BW114	KP520F		PS24
G18	781C & 785C	F823 & F826	V1247	RB414	ZF713/715	1919	PS23, PS26
G88	281C, 381C	F226	V0947	RB314X	KF708	4819	CS565
J73	011K	K622	JC025O			4919	CS561
J86	211K, 311T	K225, K227	JCF0851	RB232JF	KK504J, 14F	2915	LS309, KL360, KL385
JF87	314D	R226, R237				2936	KL361
JF88	201E, 203E, 200DE	R296		RB406JF	KK841F	2946	LS312JF
K61	-						
N72	001K	K624	JC0150	-	KK24		KL371
R13	-			RB480YX		2800	CS411YX
R88	251E, 361F	R247, R249, R283	XC0877	RB377YX	KK711X	2925	CS310X, CS412X, CS341
R98	441D	R422, R445				2707	CS326
S18	561D, 563F	R823, R824, R841, R861		SB488TY/484TZ	KK715X, 716Y	2800	
S19	563F, 577F	R824		RB486Y	ZK744X	2803, 2829	
S20	777F, 977F, 967F	R928, R981, R941, R984, R980		CB446Y	SK840	2503, 2505	
S88	363F, 261F, 361F	R247, R249		RB416Y, RB376TY, SB378Y, SB378YR	KK711Y	2938	CS412Y
S98	463D	R480		RB375Y		2707	
S99	473GZ, 471DZ, 473DZ, 471FZ	R248, R248, R468		RB379	CK722Y	2718	
W88	353E	R248		316EJ, 346J	KK511J	2928	
W98	431W, 451E, 451F	R422, R445, R447	JBF0855		CK-721X	2707	CS321X
X088	240A, 240D	R215, R216	XC07760	RB316X OP	KK504X	2920	CS311XOC
X86	241K, 341T	K224, K225	XC0851	RB316X		2928	KL361
X88	241D, 248D	R228	XC0877	RB316X, RB371	KK511X	2928	CS310
XF88	241E, 244E, 251X	R228	XC0876, XC0877	RB346MX	KK711T, KK551X	2820	CS310
X91	-				CK-723X		
X98	421A	R422		RB318X	CK-721X	2920	CS333X
Y088	270D	R216	XBS0986WO		KK711X	2925	CS412Y
Y88	251E, 361F	R247, R249	XBS0987W	RB377YX			
Y98	460D, 461F	R418, R480, R428		RB375Y	CK722Y	2707	
Z096	451U	S413, S456					

WARRANTY AND SAFETY TIPS

WARRANTY AND LIMITED REMEDY

The following warranties are made in lieu of all other warranties, express or implied, including, but not limited to any implied warranty of merchantability, implied warranty of fitness for a particular purpose and any implied warranty arising out of a course of dealing, custom or usage trade. Fandeli International Corporation warrants its products will be free from defects in materials and manufacture. If a FANDELI product is proved to be defective, the exclusive remedy, and FANDELI's sole obligation shall be, at FANDELI's option, to replace the quantity of the product which is proved to be defective or refund the purchase price.

LIMITATION OF LIABILITY

FANDELI International Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory. The foregoing Warranty and Limitation of Liability may be changed only by written agreement signed by authorized officers of FANDELI International Corporation.

PRODUCT USE

User is responsible for determining whether the product is fit for a particular purpose and suitable for user's application:

DISC PAD BELT PRECAUTIONS

X optional	X optional	X optional	Proper tool and abrasive selection
X	X	X	Gloves
X	X	X	Eye protection
X	X	X	Guards
X	X	X	Properly fastened abrasives
X	X	X	Power source
X	X	X	Operating speeds
X	X	X	Liquid hazards
X	X	X	Dust or fume hazards
X	X	X	Disconnect

PROPER TOOL AND ABRASIVES SELECTION

The size and type of tool and abrasive should match the job to be done. Forcing the machine can cause the tool to slip or snag causing injury. Proper tool selection also involves the selection of air or electric power.

GLOVES

Gloves should be worn whenever possible. Free flowing ties or loose clothing should not be worn.

EYE PROTECTION

Safety glasses or goggles with side shields should be worn at all times without exception.

GUARDS

Do not remove guard attachments. Do not use damaged abrasives.

PROPERLY FASTENED ABRASIVES

The abrasives should be fastened to the machine only as recommended by machine and abrasive manufactures. Do not modify back-up pads, holding nuts, tensioning devices or holding clips.

POWER SOURCE

The electric power tools used should be Underwriter Laboratory listed and be either a double insulated design or have a three-wire power cord with good ground connection. Electric cords and air hoses should be checked regularly for cracks and worn areas.

SPARKS

The sparks created by grinding should be directed downward and away from the face and body.

OPERATING SPEEDS

The speed at which a machine operates should not exceed the manufacturer's recommended maximum speed.

LIQUID HAZARDS

Electric machines are not intended for use in or near water.

DUST OR FUME HAZARDS

All power tools should be used in a well-ventilated area, preferably with an exhaust hood. Dust masks are recommended as a practical means of minimizing dust inhalation. Dust collection bags should be emptied frequently.

DISCONNECT

The machine, whether air or electric, should be disconnected from the power source before changing or examining the abrasive.



LEADERSHIP IN MANUFACTURING EXCELLENCE



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FANDELI[®]

Coated Abrasives



*Industrial***abrasive***products*

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