

# RESIN FIBRE DISCS

Resin Fibre Discs are by far the most popular coated abrasive product used in industry. Constructed with a heavy vulcanized fibre back, they are coated with abrasive grains and bonded with a tough, heat resistant resin. This results in a durable, cool and fast cutting action. A wide variety of grinding abrasive material is available so you can select the materials best suited to your specific applications. Usually only the diameter, grain size and mineral type need be specified.

- Aluminum Oxide (AO AOP & AOC)
- Alumina Zirconia (AZ, AZP & AZB)
- Ceramic Lite (SGL & SGLP)
- Premium Ceramic (SG & SGP)
- BEST-Performance Ceramic (SGW & SGWP)
- Silicon Carbide (SC)

The logo for Marvel Abrasive Products, featuring the word "MARVEL" in a stylized, outlined, blocky font.

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## PREMIUM ALUMINUM OXIDE

### (Closed Coat)

- For light, general purpose grinding of various metals. Ideal for rust and scale removal.
- Tough and durable. Most commonly used grain for metal working applications.
- Versatile, multi-purpose performance at a low cost--the least expensive disc in the fibre disc family.

## OPEN-CUT ALUMINUM OXIDE

- “The Disc for Grinding Aluminum”, as well as other non-ferrous metals and soft malleable materials.
- Patented “Island Pattern” grain configuration.
- Grain configurations virtually eliminate “loading”, the build-up of removed material on the disc surface.
- Premium Alumina Zirconia
- Excellent performance on stainless steel. Recommended for heavy weld and metal grinding.
- High performance disc with a fast cut rate.
- Tough self-sharpening grain.
- Requires medium to heavy operator pressure for optimum performance.
- Cool grinding action reduces glazing and loading.

## BI-CUT ALUMINA ZIRCONIA

- Excellent for flat grinding of composite materials, fiberglass, body filler and paint. Widely used by ship builders and auto body repair shops.
- Patented “Island Pattern” grain configuration.
- Combines rugged, high performance Zirconia grain with non-loading characteristics.

## CG CERAMIC GRAIN

- For superior grinding and finishing on all types of carbon steel.
- Twice the life and three to four times the performance of similar aluminum oxide discs.
- This revolutionary grain, the latest generation of synthetic metal cutting minerals, was developed for the most demanding grinding and finishing applications.
- Very high rate of cut, extended life expectancy.
- Self-sharpening grain ensures consistent performance during entire life of the disc.

## CG LITE CERAMIC GRAIN

- Extremely versatile. Can be used on almost all light and medium-duty metal applications, including carbon based steels and stainless steels.

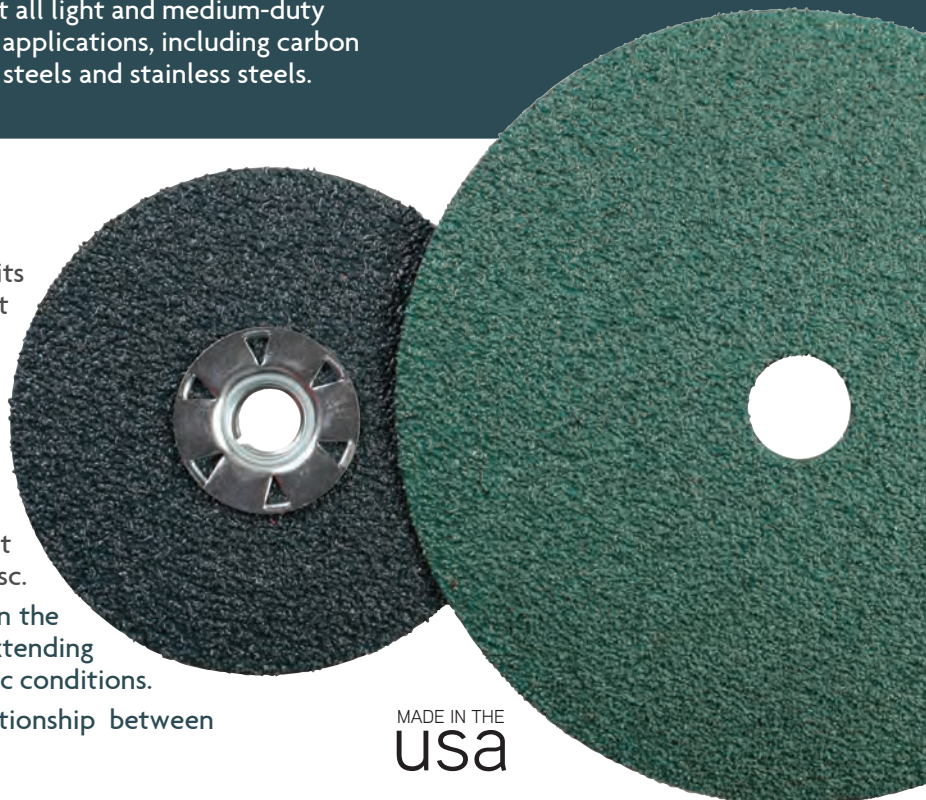
- Homogeneous mixture of Aluminum Oxide and provides superior performance characteristics including improved cut rate and extended disc life.
- Cool grinding action.

## SILICON CARBIDE

- For grinding or finishing of non-ferrous materials such as porcelain coatings, glass, marble, terrazzo, titanium and plastics.
- Hard, man-made mineral with fracturing characteristics that produce sharp cutting edges during operation.
- Exceptional grinding efficiency and outstanding performance on materials with high or low tensile strengths.
- 5/8” - 11 Turn-On Arbors
- Allows disc attachment to threaded tool spindle without a back-up pad nut.
- Crimped to the 7/8” diameter plain arbor hole.
- Can be supplied with any 4-1/2” through 9” diameter disc.
- Immediate delivery from factory at nominal additional cost.

## FEATURES/BENEFITS

- Each specific disc type has features and benefits unique to the particular application for which it was designed.
- Electrostatic coating process orients the sharpest cutting edge of the grain upward and allows for uniform grain coverage, providing for maximum aggression.
- Individually coated. This process assures consistent grain dispersion to the outermost edge and most important cutting area of the disc.
- Completely sealed (front and back) to maintain the moisture content of the fibre, significantly extending shelf life under extreme changes of atmospheric conditions.
- Preshaped to maintain proper assembly relationship between disc and back-up pad.



MADE IN THE  
usa





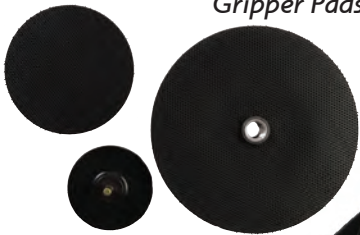
*Quick-Change Disc Holder  
Pads & Accessories*



*PSA Cloth Disc Pads*



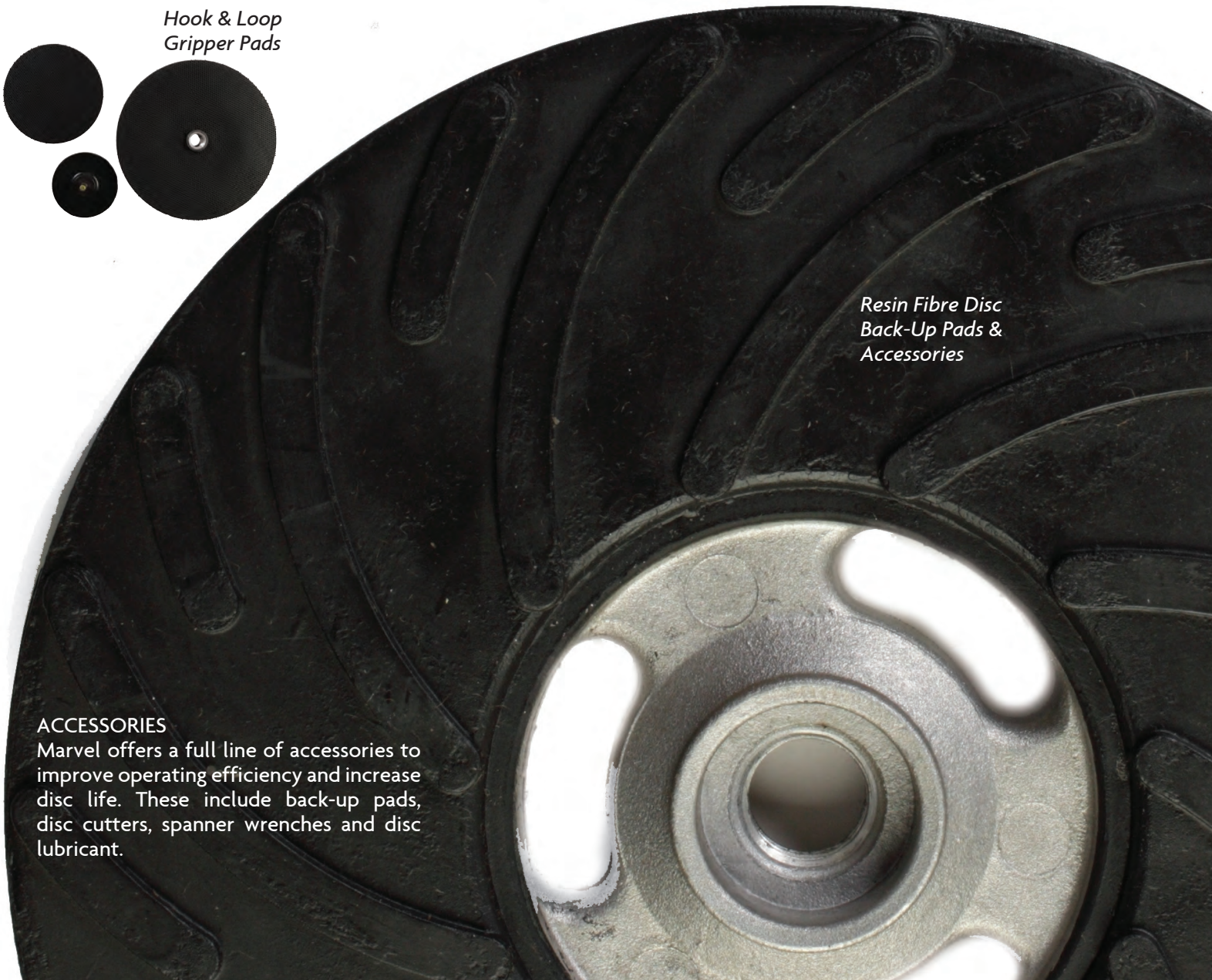
*Hook & Loop  
Gripper Pads*



*Resin Fibre Disc  
Back-Up Pads &  
Accessories*

#### **ACCESSORIES**

Marvel offers a full line of accessories to improve operating efficiency and increase disc life. These include back-up pads, disc cutters, spanner wrenches and disc lubricant.





# Got Milk?

*How about some fibre!*

## FEATURES & BENEFITS:

- 100% self-sharpening, high performance ceramic grain
- Sustained, fast rate of cut versus convention closed-coated discs
- Open grain configuration promotes cooler grinding and virtually eliminates loading of the disc surface
- 10% thicker fibre backings on 7" and 9-1/8" discs provide edge durability for the most rugged applications
- Available in 4, 4-1/2, 5, 7 and 9-1/8" diameters in 24, 36, 50, 60 and 80 grit grades

# MARVEL

## Ceramic Fibre Discs

High Performance  
100% Ceramic  
Elastrostatically Coated  
Enhanced Performance

## BEST IN CLASS!

### SGW Best Ceramic

Designed for high-performance carbon steel grinding. This disc will impress from the first 360 degree revolution. The infinite number of cutting edges created by the textured surface of this disc will make short order of demanding stock removal applications such as weld grinding.

### SGWP Best Ceramic Plus

Featuring a third "top-size" resin system, this disc is designed for heat-sensitive materials like stainless steel, Inconel® and nickel alloy. The grinding-aids in this added coating will suppress heat generation and lubricate the grain during use to extend the useful service life of the disc.

# Ceramic Fibre Discs

## BEST IN CLASS!

High Performance  
100% Ceramic  
Elastrostatically Coated  
Enhanced Performance

SGW Best Ceramic & SGWP Best Ceramic Plus

Size	Grade	Box Qty.	SGW Best Ceramic		SGWP Best Ceramic Plus with Super Size	
			Part No.	List Each	Part No.	List Each
4 x 5/8	24	25	119310	\$2.12	S119310	\$2.38
4 x 5/8	36	25	119315	\$1.98	S119315	\$2.22
4 x 5/8	50	25	119320	\$1.75	S119320	\$1.98
4 x 5/8	60	25	119325	\$1.66	S119325	\$1.88
4 x 5/8	80	25	119330	\$1.58	S119330	\$1.79
4-1/2 x 7/8	24	25	119410	\$2.43	S119410	\$2.72
4-1/2 x 5/8-11	24	25	129410*	\$3.23	S129410*	\$3.52
4-1/2 x 7/8	36	25	119415	\$2.25	S119415	\$2.51
4-1/2 x 5/8-11	36	25	129415*	\$3.05	S129415*	\$3.31
4-1/2 x 7/8	50	25	119420	\$1.96	S119420	\$2.21
4-1/2 x 5/8-11	50	25	129420*	\$2.76	S129420*	\$3.01
4-1/2 x 7/8	60	25	119425	\$1.84	S119425	\$2.08
4-1/2 x 5/8-11	60	25	129425*	\$2.64	S129425*	\$2.88
4-1/2 x 7/8	80	25	119430	\$1.74	S119430	\$1.97
5 x 7/8	24	25	119510	\$2.79	S119510	\$3.10
5 x 7/8	24	25	129510*	\$3.59	S129510*	\$3.90
5 x 7/8	36	25	119515	\$2.55	S119515	\$2.84
5 x 7/8	36	25	129515*	\$3.35	S129515*	\$3.64
5 x 7/8	50	25	119520	\$2.19	S119520	\$2.47
5 x 7/8	50	25	129520*	\$2.99	S129520*	\$3.27
5 x 7/8	60	25	119525	\$2.05	S119525	\$2.31
5 x 7/8	60	25	129525*	\$2.85	S129525*	\$3.11
5 x 7/8	80	25	119530	\$1.93	S119530	\$2.18
5 x 7/8	80	25	129530*	\$2.73	S129530*	\$2.98
7 x 7/8	24	25	119710	\$4.90	S119710	\$5.35
7 x 7/8	36	25	119715	\$4.43	S119715	\$4.83
7 x 7/8	50	25	119720	\$3.72	S119720	\$4.08
7 x 7/8	60	25	119725	\$3.47	S119725	\$3.82
7 x 7/8	80	25	119730	\$3.24	S119730	\$3.56
9 x 7/8	24	25	119910	\$8.12	S119910	\$8.78
9 x 7/8	36	25	119915	\$7.34	S119915	\$7.92
9 x 7/8	50	25	119920	\$6.15	S119920	\$6.68
9 x 7/8	60	25	119925	\$6.65	S119925	\$6.16
9 x 7/8	80	25	119930	\$5.26	S119930	\$5.72

\*Discs supplied with 5/8"-11 Quick Change Metal Inserts



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