



SUN ABRASIVES

Fibre discs are the most popular and versatile coated abrasive tool used in modern industry. The discs are constructed with a strong vulcanized backing, coated with sharp abrasive grains and bonded with tough, heat resistant resin. This results in cool and fast cutting action and imparts long life to the discs.

Features and Benefits :

- **Individually Coated** : This process assures consistent resin and grain dispersion to the outermost edge of the disc which is the most crucial cutting area of the disc.
- **Electro coating of grains** : This process orients the sharpest cutting edge of the grains upward resulting maximum aggressive cutting and uniform grain application. Proper orientation of the grain also results in a strong bond with the fibre backing.
- **Long shelf life** : The discs can be stored for a longer period and withstands extreme changes of atmospheric conditions.

RPM Recommendation :

Optimized grinding speed varies considerably with the type of abrasive surface, material being grinded / finished, the contours of the surface and size of the disc used. As a safety precaution, backup pads must be used during grinding applications. The maximum rpm of the discs depends on the peripheral speed of the disc. Thus for 178 mm diameter discs the safe tool speed is 5400 rpm. For discs with 125 mm diameter and 100 mm diameter, high speeds up to 11000 rpm can be safely used.

Available Disc Sizes		Available Grits						
		24	36	50	60	80	100	120
178 mm diameter with 22.3 mm center bore.	ALOXIDE	●	●	●	●	●	●	●
125 mm diameter with 22.3 mm center bore.	SUNCON	●	●		●	●		●
100 mm diameter with 16.0 mm center bore.								

Other Sizes / Grits available on request

ALOXIDE : Aluminum Oxide Discs

- For light and medium general purpose grinding of metals and nonmetals.
- Tough and durable, multipurpose performance at low cost, least expensive discs.

SUNCON : Zirconium Oxide Discs

- Excellent for weld grinding and heavy stock removal on stainless steel and other hard metals.
- High performance discs with fast cut rate.
- Tough self sharpening grains.

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