Coated Abrasives

Fiber Discs – Aluminum Oxide, Zirconium







Aluminum Oxide



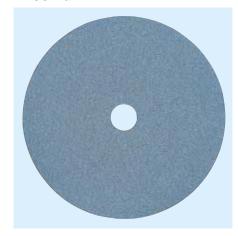
Fiber discs are especially pliable and exceptionally well suited for both rough and fine grinding on flat and irregular surfaces. The abrasive grain is embedded in a highly elastic resinoid bond, which prevents grain particles from prematurely dislodging.

For use on angle grinders. The fiber disc should be mounted on a rubber backing pad for optimum performance. PFERD multipurpose fiber discs are for use on steel, nonferrous metals, plastics, aluminum and wood (e.g., cleaning of construction formwork) and steel construction finishing work.

A: Aluminum Oxide (Resin bond closed coat)

	Diameter	Diameter Max. Speed PFERD					Grit and EDP Number							
	(Inches)	RPM	Number	16	24	36	50	60	80	100	120			
Aluminum Oxide														
	4 x 5/8	15,900	80 FS 100-16 A	_	62402	62403	62404	62405	62406	62407	_			
	4-1/2 x 7/8	13,300	80 FS 115-22 A	62451	62452	62453	62454	62455	62456	62457	62458			
	5 x 7/8	12,200	80 FS 125-22 A	62501	62502	62503	62504	62505	62506	62507	62508			
	7 x 7/8	8,500	80 FS 178-22 A	62701	62702	62703	62704	62705	62706	62707	62708			
	9 x 7/8	6,500	80 FS 230-22 A	_	62903	62904	62905	62906	62907	62908	_			

Zirconium



Zirconia alumina grain (Z) is the preferred abrasive material on alloyed and unalloyed steels. PFERD improved zirconium fiber discs are perfectly suited for edge breaking work, cutting of difficult-to-machine materials, high alloy stainless steels and high temperature non-ferrous metals such as Hastelloy, Inconel, Nimonic, etc.

Cool grinding properties and a long service life make zirconia fiber discs particularly suited for work on thin-walled vanadium steel components and steel or nickel alloys with a high susceptibility to cracking. For the zirconia alumina grain to reach its full effectiveness, the fiber discs should be used at higher loads than standard aluminum oxide (A) fiber discs; especially when grinding on materials that have poor thermal conductivity.

Z: Zirconia Alumina (Resin bond closed coat)

Diameter (Inches)	Max. Speed RPM	PFERD Number	24	Grit and	EDP 50	Numbe	r 80			
Zirconium										
4-1/2 x 7/8	13,300	80 FS 115-22 Z	62462	62463	62464	62465	62466			
5 x 7/8	12,200	80 FS 125-22 Z	62522	62523	62524	62525	62526			
7 x 7/8	8,500	80 FS 178-22 Z	62712	62713	62714	62715	62716			
9 x 7/8	6,500	80 FS 230-22 Z	62912	62913	62914	62915	62916			