



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, non-ferrous metals, plastics, aluminum and wood (e.g., cleaning of construction formwork) and steel construction finishing work.

A: Aluminum Oxide (Resin bond closed coat)

Diameter (Inches)	Max. Speed RPM	PFERD Number	Grit and EDP Number					
			16	24	36	50	60	80

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	Grit and EDP Number				
			24	36	50	60	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