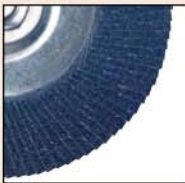


Operational Advantages of Abrasive Flap Discs

Grind and Finish in One Step!

Weiler's Coated Abrasive Flap Discs save you time and money. Now, there's no need to switch from a Type 27 Grinding Wheel to a Resin Fiber Disc because flap discs grind and finish in one step. This results in fewer changeovers and increased productivity.

Construction Advantages of Abrasive Flap Discs



Abrasive Flap Disc:
Multi-layer flap construction
As the coated abrasive cloth flaps slowly wear down, new sharp abrasive grain is constantly exposed, producing a consistently high cut rate throughout disc life.



Resin Fiber Disc:
Solid one-layer construction
The cut rate of a resin fiber disc diminishes rapidly because, as the disc wears, no new abrasive grain is exposed.

Product Selection

Selection Guide For Abrasive Flap Discs

Application Requirement	Abrasive Flap Disc Type	Tool
High cut rate and consistent finish. Enables operator to trim non-marking backing, exposing more flaps thereby extending life and increasing flexibility.	Trimable Tiger® Flap Disc Page 94	
A high cut rate and a long life.	Original Tiger® Disc - Pages 95-96	
A high cut rate at a value price.	Vortec Pro™ Flap Disc - Pages 97-98, 100	
Increased conformability on contoured parts; enhanced ergonomics; long life; minimized gouging on value-added components.	High Density Big Cat® Page 98	
Increased conformability at a value price.	High Density Vortec Pro™ - Page 98	
Stainless steel and other high strength metal grinding applications.	High Density Tiger® Discs For Stainless Steel Page 99	
For use on air and electric right angle die grinders. Ideal for small, tight areas; non-marking backing.	BobCat™ (Mini Discs) Page 100	

Note: Type 29 (Angled) discs are ideal for maximum aggression while Type 27 (Flat) discs are best for smooth grinding.

Selection Guide For Backing and Grain Types

Application Requirement	Backing Type
Rigid support for maximum aggression; recyclable.	Aluminum
Prevents backing from scratching the work-piece during operation.	Phenolic
Trimable, non-marking backing; allows access to hard-to-reach angles.	Composite

Application Requirement	Grain Type
High rate of stock removal and long life in demanding applications.	Zirconium
General purpose metalworking applications.	Aluminum Oxide
Maximum material removal.	Coarser Grits
Achieve desired finishes.	Finer Grits

Safety



Abrasive users and others in area must wear goggles or face shields over safety glasses. Safety guards must be used. Do not exceed maximum RPM.