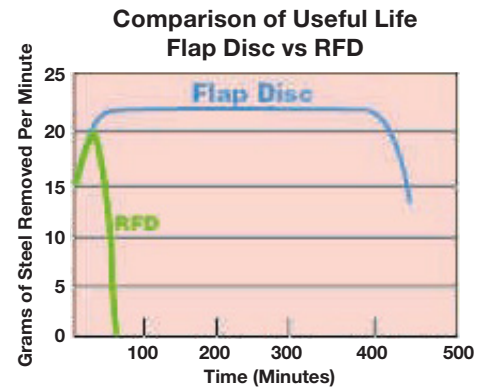


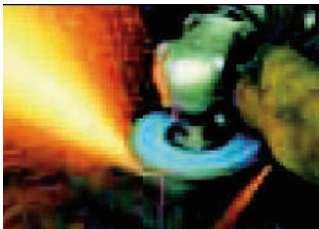


### Overview

- Grind and finish in one step
- No need to switch from a Type 27 grinding wheel to a resin fiber disc (RFD)
- Last 15 times longer than an RFD
- Increased productivity
- Lowest cost per part finished
- Superior, consistent finish
- Reduced operator fatigue
- Flap discs handle both rough grinding and smooth finishing on all types of material
- They offer the aggressiveness of a resin-bonded grinding wheel and the finishing capabilities of fiber-backed coated abrasives
- Flap discs are preferable to depressed-center discs when light-gauge material is being ground and finished
- Flap discs are quieter and easier to use than depressed-center discs
- Studies show that a flap disc will last as long as ten fiber-backed discs in many applications
- The finish with a flap disc will remain constant every time. Fiber-backed discs become finer with use, causing the finish to change each time the fiber-backed disc is replaced
- No separate backing pad is needed
- There is reduced clogging, loading and glazing of the disc



### Applications



(1 of 2)

### Target Industries/Operations

- Stainless steel fabrication
- Air-handling ducts
- Elevator manufacturing
- Fiberglass boat building/repair
- Bridge building
- Railroad car building
- Construction equipment sales/repairs
- Fire sprinkler manufacturing
- Truck and car body fabrication
- Aircraft manufacturing
- Building construction
- Food equipment fabrication
- Casket manufacturing
- Sheet metal fabrication
- Liquid storage tank fabrication
- Enclosure manufacturing
- Propeller manufacturing
- Dairy equipment manufacturing
- Ornamental iron shops

### Typical Applications

- Weld blending
- Grinding
- Cleaning
- Finishing
- Stock removal
- Edge chamfering
- Deflashing

**Application Requirements**

<u>Application Requirement</u>	<u>Backing Type</u>
Rigid support for maximum aggression; recyclable . . . . .	Aluminum
Prevent backing from scratching the workpiece during operation . . . . .	Phenolic

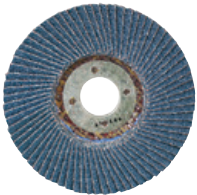
<u>Application Requirement</u>	<u>Grain Type</u>
High stock removal rate and long life in demanding applications . . . . .	Zirconium
General-purpose metalworking applications . . . . .	Aluminum Oxide
Maximum material removal . . . . .	Coarser Grits
Achieve desired finishes . . . . .	Finer Grits

**Blue Kote Flap Discs**



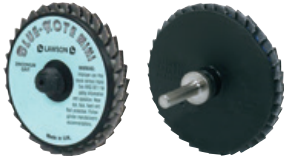
**Blue-Kote Flap Discs – High Cut Rate and Long Life**

- The benchmark of the industry, Blue-Kote Flap Discs provide both a high cut rate and long life
- Available with phenolic backing for smooth grinding and aluminum backing for maximum aggression



**Blue-Kote II High-Density Flap Discs – High Performance and Longest Life**

- 30% to 40% longer life than standard flap discs
- Thicker disc with larger flaps that conform to curved and irregular surfaces
- High-density configuration adds flexibility for smoother grinding action



**Blue-Kote Mini Flap Discs**

- 2" or 3" size allows access to confined areas



**Blue-Kote Aluminum Application Flap Disc**

- Same great quality with A3 material and calcium stearate coating which liquefies under heat
- A/O paper with phenolic backing

**Flap Disc DOs and DON'Ts**

- **DO** select a flap disc one or two grit sizes coarser than the resin fiber disc currently being used.
- **DO** use a light feed pressure allowing the speed of the machine to do the work.
- **DO** maintain the grinder at the proper working angle to use 100% of the grinding surface. Premature wear will occur if only the cloth extending beyond the backing plate is used.
- **DO NOT** use in place of resin fiber discs when flexibility is vital. Blue-Kote Flap Discs work best on flat or gently contoured surfaces.
- **DO NOT** use in place of resin-bonded grinding wheels when heavy stock removal is required. Blue-Kote Flap Discs work best when moderate stock removal and a good finish are desirable.
- **DO NOT** choose a grit which is too coarse when used on aluminum. Loading may occur between the zirconium grains.
- **DO NOT** use in place of very coarse resin fiber discs (16 or 24 grit).