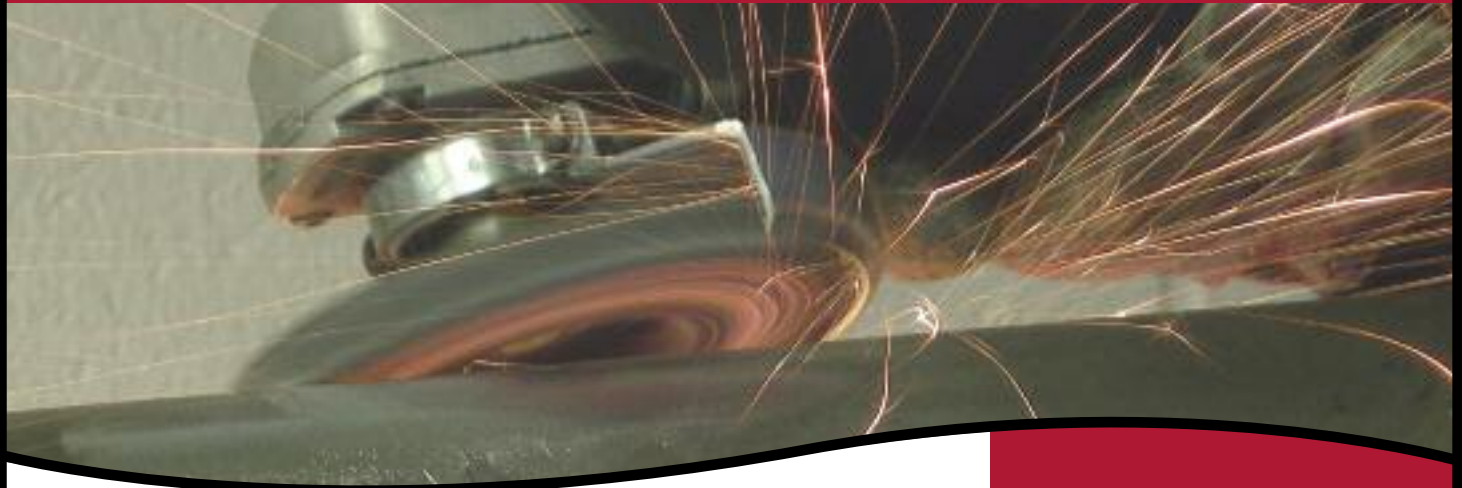




Abrasive Flap Discs



Our Full Line of Coated Abrasive Flap Discs that Grind and Finish in One Easy Step!

Flap discs do the work of both a grinding wheel and a resin fiber disc, thus eliminating the two-step finishing process. The layered abrasive flaps permit constant exposure of new grain for a uniform finish and long life.

Flap Disc Construction



Flap Disc

As the abrasive cloth flaps slowly wear down, new sharp abrasive grain is constantly exposed, producing a consistently high cut rate throughout the life of the flap disc.



Resin Fiber Disc

The cut rate of a resin fiber disc diminishes rapidly because, as the disc wears, no new abrasive grain is exposed.

Flap Disc Selection Guide

Application Requirement		Flap Disc Type
High cut rate and long life	Maximum Aggression	Original Cyclone Flap Disc - Angled (Type 29)
	Smooth Grinding	Original Cyclone Flap Disc - Flat (Type 27)
Increased conformability on contoured parts; long life; minimized gouging	Maximum Aggression	Cyclone Xtreme Flap Disc - Angled (Type 29)
	Smooth Grinding	Cyclone Xtreme Flap Disc - Flat (Type 27)
Stainless steel applications	Smooth Grinding	Cyclone for Stainless Steel - Flat (Type 27)
High flexibility Non-marking backing	Maximum Aggression	Trimtable Flap Disc - Angled (Type 29)

Zirconium Grain Selection Guide

Requirement	Grain Type
Maximum material removal	Coarse Grits
Achieve desired finishes	Fine Grits

Typical Applications:

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

Target Industries And Operations:

- Aircraft manufacturers
- Boat building and repair
- Bridge builders
- Building construction
- Construction equipment sales and repair
- Dairy equipment manufacturers
- Elevator manufacturers
- Food equipment fabrication
- Railroad car builders
- Stainless steel fabrication
- Sheet metal fabricators
- Truck and car body fabrication

Original Cyclone™ Flap Disc Product Features:

- Designed to provide a high cut rate and long life.
- Ideal for medium to high production environments.



Type 29



Type 27

The Original Cyclone Flap Discs - Zirconium Abrasive Grain - Phenolic Backing
For a high cut rate and long life.

Item Number		Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM	List Price
Type 29	Type 27						
43500	—	4"	5/8"	36	10	15,000	\$ 5.41
43501	—	4"	5/8"	40	10	15,000	5.41
43502	—	4"	5/8"	60	10	15,000	5.41
43503	—	4"	5/8"	80	10	15,000	5.41
43504	—	4"	5/8"	120	10	15,000	5.41
43505	—	4-1/2"	7/8"	24	10	12,000	\$ 6.15
43506	—	4-1/2"	7/8"	36	10	12,000	6.15
43507	43557	4-1/2"	7/8"	40	10	12,000	6.15
43508	43558	4-1/2"	7/8"	60	10	12,000	6.15
43509	43559	4-1/2"	7/8"	80	10	12,000	6.15
43510	43560	4-1/2"	7/8"	120	10	12,000	6.15
43511	—	4-1/2"	5/8"-11	24	10	12,000	\$ 7.79
43512	—	4-1/2"	5/8"-11	36	10	12,000	7.79
43513	43563	4-1/2"	5/8"-11	40	10	12,000	7.79
43514	43564	4-1/2"	5/8"-11	60	10	12,000	7.79
43515	43565	4-1/2"	5/8"-11	80	10	12,000	7.79
43516	—	4-1/2"	5/8"-11	120	10	12,000	7.79
43517	—	7"	7/8"	24	10	8,600	\$ 13.92
43518	—	7"	7/8"	36	10	8,600	13.92
43519	43569	7"	7/8"	40	10	8,600	13.92
43520	43570	7"	7/8"	60	10	8,600	13.92
43521	43571	7"	7/8"	80	10	8,600	13.92
43522	43572	7"	7/8"	120	10	8,600	13.92
43523	—	7"	5/8"-11	24	10	8,600	\$ 16.59
43524	—	7"	5/8"-11	36	10	8,600	16.59
43525	43575	7"	5/8"-11	40	10	8,600	16.59
43526	43576	7"	5/8"-11	60	10	8,600	16.59
43527	43577	7"	5/8"-11	80	10	8,600	16.59
43528	43578	7"	5/8"-11	120	10	8,600	16.59

TIP:

Use one grit size coarser than resin fiber discs, except 36 grit.



Adapting Nuts & Spanner Wrench

Item Number	Description	Std. Pkg.	List Price
66426	Adapting nuts for 4" flap discs with 5/8" arbors. 3/8"-24 thread size. (Can be used with an adjustable wrench)	1 Pair	\$ 31.52
66427	Adapting nuts for 4-1/2", 5" & 7" flap discs with 7/8" arbors. 5/8"-11 thread size.	1 Pair	\$ 31.52
66425	Spanner wrench	1	\$ 25.37

Trimable Flap Disc Product Features:

- The trimmable backing allows for more flap flexibility. By trimming the backing material away, the flap length is extended. This enables the operator to access hard-to-reach areas such as right angles and irregular shapes, and grind on-edge without changing tools, increasing productivity.
- The non-marking backing will not damage the work-piece, resulting in less re-work and scrap.

Trimable Flap Discs - Zirconium Abrasive Grain - Composite Backing

Trimable backing increases flap length and flexibility for hard-to reach areas.

Non-marking backing wears away as you grind.

Item Number	Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM	List Price
43650	4-1/2"	7/8"	40	10	12,000	\$ 10.66
43651	4-1/2"	7/8"	60	10	12,000	10.66
43652	4-1/2"	7/8"	80	10	12,000	10.66
43653	4-1/2"	7/8"	120	10	12,000	10.66
43654	4-1/2"	5/8"-11	40	10	12,000	\$ 12.91
43655	4-1/2"	5/8"-11	60	10	12,000	12.91
43656	4-1/2"	5/8"-11	80	10	12,000	12.91
43657	4-1/2"	5/8"-11	120	10	12,000	12.91



The Trimmable Disc's innovative design enables the operator to reduce the diameter of the backing to extend disc life.

Prices in this brochure are effective 5/1/12 and may be changed without notice.



The backing can be trimmed up to 3/8" from the original diameter, dramatically extending the life of the disc.



Type 29



CAUTION:

Abrasive users and others in the area must wear goggles or face shields over safety glasses.

Xtreme Flap Disc Product Features:

- 30-40% longer life than standard flap discs
- Thicker design conforms better to irregular surfaces
- Produces excellent finishes

Xtreme Flap Discs - Zirconium Abrasive Grain - High Density Phenolic Backing

A thicker disc with larger flaps for greater conformability and the longest life.

Item Number		Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM	List Price
Type 29	Type 27						
43535	43585	4-1/2"	7/8"	40	10	12,000	\$ 8.71
43536	43586	4-1/2"	7/8"	60	10	12,000	8.71
43537	43587	4-1/2"	7/8"	80	10	12,000	8.71
43539	43589	4-1/2"	5/8"-11	40	10	12,000	\$ 10.57
43540	43590	4-1/2"	5/8"-11	60	10	12,000	10.57
43541	43591	4-1/2"	5/8"-11	80	10	12,000	10.57
-	43593	7"	7/8"	40	10	8,600	\$ 21.83
-	43594	7"	7/8"	60	10	8,600	21.83
-	43595	7"	7/8"	80	10	8,600	21.83
-	43597	7"	5/8"-11	40	10	8,600	\$ 24.03
-	43598	7"	5/8"-11	60	10	8,600	24.03
-	43599	7"	5/8"-11	80	10	8,600	24.03



Type 29



Type 27



Stainless Steel Flap Disc Product Features:

- More abrasive cloth for long life
- High-density construction for smooth, flexible grinding
- Fast-cutting cloth prevents dulling and glazing of abrasive grains
- Phenolic backing prevents gouging
- Top coat prevents heat discoloration

Stainless Steel Flap Discs - High Density Phenolic Backing

Provides cool, fast-cutting action on stainless steel and other hard-to-grind metals.

Item Number	Diameter	Arbor Hole	Grit Size	Std. Pkg.	Max. RPM	List Price
43612	4-1/2"	7/8"	60	10	12,000	\$ 13.93
43614	4-1/2"	7/8"	80	10	12,000	13.93
43622	4-1/2"	5/8"-11	60	10	12,000	\$ 15.41
43624	4-1/2"	5/8"-11	80	10	12,000	15.41
43632	7"	7/8"	60	10	8,600	\$ 27.42
43634	7"	7/8"	80	10	8,600	27.42
43642	7"	5/8"-11	60	10	8,600	\$ 29.55
43644	7"	5/8"-11	80	10	8,600	29.55

60 grit: For maximum cut rate; 80 grit: For superior finish.



Type 27



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