

FLAP DISC SELECTION GUIDE



CERAMIC PRO



Optimize your grinding operations by selecting a disc designed for your unique applications

ZIRCONIA GP



When you need an abrasive product that can grind your toughest jobs and still provide the finishes your customers expect, Standard Abrasives™ Flap Discs will deliver.

ZIRCONIA AP



Available in four engineered constructions for specific grinding operations, Standard Abrasives Flap Discs are your “custom solution” to lower abrasive costs.

ZIRCONIA HP





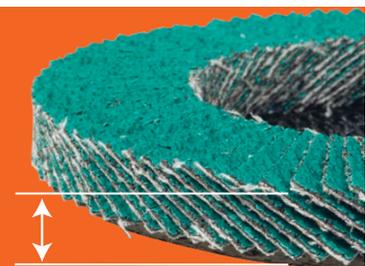
Pick the right flap disc for the job.

CERAMIC PRO	Stainless / High Tensile Alloys
GP	Low Pressure / Flat Surfaces
AP	All Purpose / Multi-Applications
HP	High Pressure / Edges

All of the Standard Abrasives™ Flap Discs deliver exceptional cut and life. But pairing the right Flap Disc with your unique application will ensure you're getting peak performance and market-leading value.

Flap Disc	Best Application	Mineral	Backing	Wheel Type	Sizes	Benefit
 Ceramic Pro	Low to medium-high pressure grinding, weld removal, deburring and finishing	Ceramic Aluminum Oxide	Y-wt. poly cotton	Type 27 Type 29	4 1/2" x 7/8" 4 1/2" x 5/8-11 7" x 7/8" 7" x 5/8-11	Cuts faster and lasts longer for one-step grinding and finishing
 GP	Low pressure grinding: small welds, splatter, surface prep, finishing	Alumina Zirconia	X-wt. cotton	Type 27 Type 29	4 1/2" x 7/8" 4 1/2" x 5/8-11 7" x 7/8" 7" x 5/8-11	Consistent flap wear exposes fresh mineral to maximize speed of cut
 AP	Versatile disc perform well on all applications	Alumina Zirconia	YF-wt. poly cotton	Type 27 Type 29	4 1/2" x 7/8" 4 1/2" x 5/8-11 7" x 7/8" 7" x 5/8-11	Most versatile flap disc performs well when you need one disc for a variety of applications
 HP	High pressure grinding: beveling, deburring, edge chamfering	Alumina Zirconia	YF-wt. polyester	Type 27 Type 29	4 1/2" x 7/8" 4 1/2" x 5/8-11 7" x 7/8" 7" x 5/8-11	Durable flaps hold up in tough applications to maximize disc life

When you need more cutting power, select a “**High Density**” construction. Standard Abrasives™ High Density Flap Discs offer approximately 25% more abrasive material for added durability, cut and life to tackle your toughest grinding applications. Added thickness and flaps of High Density Flap Discs mean fewer disc changes and longer life.



Choose between Type 27 and Type 29.



T Y P E
27 Ideal for generating a smooth finish on flat areas or outside edges.



T Y P E
29 The angle allows for more aggressive cutting action, making this option ideal for stock removal and faster cutting on flats or contours.

A wide selection of discs for a wide variety of applications.

■ WELD REMOVAL ■ SPLATTER REMOVAL ■ BEVELING ■ DEBURRING ■ EDGE CHAMFERING ■ SURFACE PREP ■ FINISHING

Standard Abrasives™ Flap Discs are best for aggressive stock removal when you can't compromise your finish. The overlapping coated abrasive cloth flaps provide several layers of abrasives, making the disc flexible, long lasting and a great choice for one step grinding/blending.



	CERAMIC PRO Type 27				CERAMIC PRO Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
40	645109	645103	645121	645115	645133	645127	645145	645139
60	645110	645104	645122	645116	645134	645128	645146	645140
80	645111	645105	645123	645117	645135	645129	645147	645141
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

	ZIRCONIA GP Type 27				ZIRCONIA GP Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
36	645922	645932	645982	645992	645902	645912	645962	645972
40	645923	645933	645983	645993	645903	645913	645963	645973
60	645924	645934	645984	645994	645904	645914	645964	645974
80	645925	645935	645985	645995	645905	645915	645965	645975
120	645926	645936	645986	645996	645906	645916	645966	645976
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

	ZIRCONIA AP Type 27				ZIRCONIA AP Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
40	648928	648938	648988	648998	648908	648918	648968	648978
60	648929	648939	648989	648999	648909	648919	648969	648979
80	648930	648940	648990	648000	648910	648920	648970	648980
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

	ZIRCONIA HP Type 27				ZIRCONIA HP Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
36	645927	645937	645987	645997	645907	645917	645967	645977
40	645928	645938	645988	645998	645908	645918	645968	645978
60	645929	645939	645989	645999	645909	645919	645969	645979
80	645930	945940	645990	645000	645910	645920	645970	645980
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

Standard Abrasives™ High Density Flap Discs.

Take a step toward greater productivity!

Standard Abrasives High Density Flap Discs are extra-thick, and packed with more abrasive muscle.

- 25% more abrasive material than our standard flap discs
- Delivers longer life and fewer disc changes than our standard flap discs



	CERAMIC PRO HIGH DENSITY Type 27				CERAMIC PRO HIGH DENSITY Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
40	645159	645153	645171	645165	645183	645177	645195	645189
60	645160	645154	645172	645166	645184	645178	645196	645190
80	645161	645155	645173	645167	645185	645179	645197	645191
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

	ZIRCONIA AP - HIGH DENSITY Type 27				ZIRCONIA AP - HIGH DENSITY Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
40 HD	648948	648958	648868	648878	-	648898	648708	648718
60 HD	648949	648959	648869	648879	648889	648899	648709	648719
80 HD	648950	648960	648870	648880	648890	648900	648710	648720
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

	ZIRCONIA HP HIGH DENSITY Type 27				ZIRCONIA HP HIGH DENSITY Type 29			
	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11	4 1/2" x 7/8"	4 1/2" x 5/8-11	7" x 7/8"	7" x 5/8-11
GRADE	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.	PART NO.
36	645947	645957	645867	645877	645887	645897	645707	645717
40	645948	645958	645868	645878	645888	645898	645708	645718
60	645949	645959	645869	645879	645889	645899	645709	645719
80	645950	645960	645870	645880	645890	645900	645710	645720
Max. RPM	13,300	13,300	8,600	8,600	13,300	13,300	8,600	8,600
Min. Pkg.	10	10	5	5	10	10	5	5
Case Qty.	10	10	5	5	10	10	5	5

SAFETY WARNING—Coated Abrasives are cutting tools and most of them are affixed to a drive member (holder pads, rubber drum, mandrel, etc.) and rotated at high speeds with a power tool. They should not be operated at higher than safe operating speeds. When using coated abrasives, safety glasses and gloves should be worn. Protective clothing may be required for continuous high speed grinding operations.

PRODUCT USE—All statements, technical information and recommendations contained in this document are based upon tests or experience that seller believes are reliable. However, many factors beyond seller's control can effect the use and performance of a seller's product in a particular application, including the conditions under which the product is used and the time and environments conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the seller's product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

WARRANTY AND LIMITED REMEDY—Unless stated otherwise in seller's product literature, packaging inserts or product packaging for individual products, seller warrants that each seller's product meets the applicable specifications at the time seller ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. Seller makes no other warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or any implied warranty arising out of a course of dealing, custom or usage of trade. User is responsible for determining whether the seller's product is fit for a particular purpose and suitable for user's application. If the seller's product is defective within the warranty period, your exclusive remedy and seller's sole obligation will be at seller's option, to replace the product or refund the purchase price.

LIMITATION OF LIABILITY—Except where prohibited by law, seller will not be liable for any loss or damage arising from the seller's product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence, or strict liability.

DISTRIBUTED BY: _____



Oak Hills, California 92344

For the distributor in your area call:

TOLL-FREE: 800-423-5444

FAX: 800-947-8263

www.standardabrasives.com