

## Standard Abrasives™ Ceramic Pro Flap Discs

For grinding, weld removal, deburring & more



# Cutting Power Cutting Edge



Experience the impressive cutting power of the Standard Abrasives™ Ceramic Pro Flap Discs. It's Standard Abrasives' fastest, longest-lasting Flap Disc yet. Try this cutting edge product today!



# More Cutting Power

## means increased production

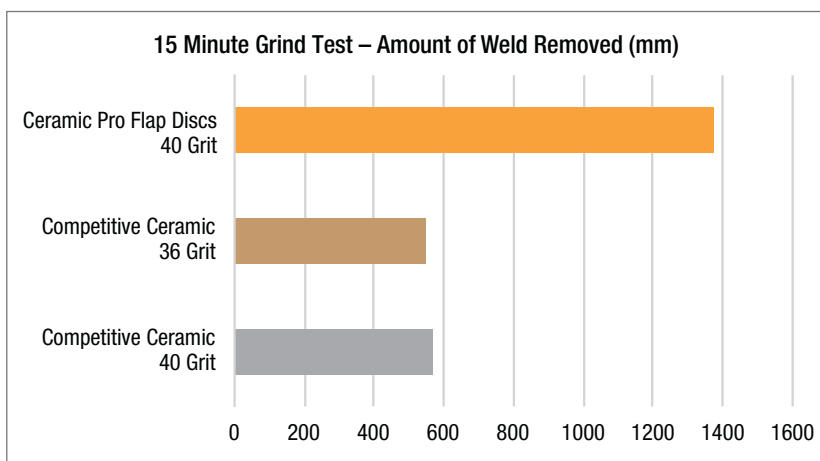
### Standard Abrasives Ceramic Pro Flap Discs

Introducing Standard Abrasives™ Ceramic Pro Flap Discs for one-step grinding and finishing. These versatile flap discs cut fast and last longer – to help you get more done!

#### The New Standard of Grinding Power and Performance

Now you can enjoy spectacular cutting power with a versatile, long-lasting flap disc construction! The new Standard Abrasives Ceramic Pro Flap Disc lets you speed through a wide range of tough jobs around the shop, including grinding, weld removal, deburring and more. Grinds and blends in a single step! Plus, they cut with less pressure, for greater operator comfort.

Standard Abrasives Ceramic Pro Flap Discs are flexible, so they easily follow curves and contours. They are less prone to gouging, and include a grinding aid, to help keep the disc cool on heat-sensitive metals. And, because their unique construction allows more abrasive material to be loaded on, they keep on cutting – long after other discs have expired!



#### What does it mean for you?

- Increased throughput with faster grinding, more parts per disc
- Less time spent grinding can help reduce operator fatigue and tool wear
- Lower costs with long disc life, fewer changeouts



# put the pressure on higher performance

Low



Blending  
Light cleaning

Medium



Weld removal  
Scale removal  
Oxide removal  
Surface prep

Medium-High



Beveling  
Light deburring

## Markets:

### Transportation

- Ship and boat building
- Automotive
- Truck and rail

### Fabricated Metals

- Structural steel
- Sheet metal
- Machine shops
- Pipe and tank

### Machinery

### Manufacturing

- Farm and construction equipment
- Industrial machinery
- Oil and gas
- Food processing

Standard Abrasives Ceramic Pro Flap Discs are ideal for a wide range of low to medium-high pressure applications, especially in paint prep and stainless steel fabrication where finish and gouge resistance are important.

Use Standard Abrasives Ceramic Pro Flap Discs on stainless steel, carbon steel, aluminum and non-ferrous metals. Grinding aid helps keep product cool on heat-sensitive metals.

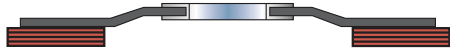
**SA** **STANDARD  
ABRASIVES™**



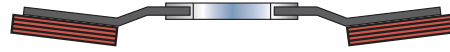
## Product Availability

All discs have Y-weight poly-cotton backing.

TYPE 27



TYPE 29



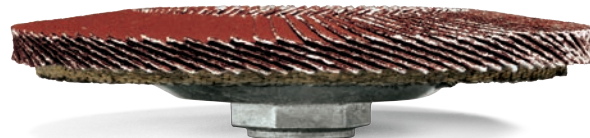
UPC	PART NO.	Grade	Dia. X Ctr. Hole (inches)	Max RPM (MOS)	Qty/ Case
CERAMIC PRO FLAP DISCS					
66-0002-2173-0	645103	40	4 1/2 x 5/8-11	13,300	10
66-0002-2174-8	645104	60			
66-0002-2175-5	645105	80			
66-0002-2176-3	645109	40	4 1/2 x 7/8	8,600	5
66-0002-2177-1	645110	60			
66-0002-2178-9	645111	80			
66-0002-2179-7	645115	40	7 x 5/8-11	8,600	5
66-0002-2180-5	645116	60			
66-0002-2181-3	645117	80			
66-0002-2182-1	645121	40	7 x 7/8	8,600	5
66-0002-2183-9	645122	60			
66-0002-2184-7	645123	80			
CERAMIC PRO HIGH DENSITY FLAP DISCS					
66-0002-2197-9	645153	40	4 1/2 x 5/8-11	13,300	10
66-0002-2198-7	645154	60			
66-0002-2199-5	645155	80			
66-0002-2200-1	645159	40	4 1/2 x 7/8	8,600	5
66-0002-2201-9	645160	60			
66-0002-2202-7	645161	80			
66-0002-2203-5	645165	40	7 x 5/8-11	8,600	5
66-0002-2204-3	645166	60			
66-0002-2205-0	645167	80			
66-0002-2206-8	645171	40	7 x 7/8	8,600	5
66-0002-2207-6	645172	60			
66-0002-2208-4	645173	80			

UPC	PART NO.	Grade	Dia. X Ctr. Hole (inches)	Max RPM (MOS)	Qty/ Case
CERAMIC PRO FLAP DISCS					
66-0002-2185-4	645127	40	4 1/2 x 5/8-11	13,300	10
66-0002-2186-2	645128	60			
66-0002-2187-0	645129	80			
66-0002-2188-8	645133	40	4 1/2 x 7/8	8,600	5
66-0002-2189-6	645134	60			
66-0002-2190-4	645135	80			
66-0002-2191-2	645139	40	7 x 5/8-11	8,600	5
66-0002-2192-0	645140	60			
66-0002-2193-8	645141	80			
66-0002-2194-6	645145	40	7 x 7/8	8,600	5
66-0002-2195-3	645146	60			
66-0002-2196-1	645147	80			
CERAMIC PRO HIGH DENSITY FLAP DISCS					
66-0002-2209-2	645177	40	4 1/2 x 5/8-11	13,300	10
66-0002-2210-0	645178	60			
66-0002-2211-8	645179	80			
66-0002-2212-6	645183	40	4 1/2 x 7/8	8,600	5
66-0002-2213-4	645184	60			
66-0002-2214-2	645185	80			
66-0002-2215-9	645189	40	7 x 5/8-11	8,600	5
66-0002-2216-7	645190	60			
66-0002-2217-5	645191	80			
66-0002-2218-3	645195	40	7 x 7/8	8,600	5
66-0002-2219-1	645196	60			
66-0002-2220-9	645197	80			

More Material Longer Life.



High Density Flap Disc



Standard Flap Disc

**Product Use:** Many factors beyond Standard Abrasives' control and uniquely within user's knowledge and control can affect the use and performance of a Standard Abrasives product in a particular application. Given the variety of factors that can affect the use and performance of a Standard Abrasives product, user is solely responsible for evaluating the Standard Abrasives product and determining whether it is fit for a particular purpose and suitable for the user's method of application.

**Warranty, Limited Remedy and Disclaimer:** Unless an additional warranty is specifically stated on the applicable Standard Abrasives product packaging or product literature, Standard Abrasives warrants that each Standard Abrasives product meets the applicable specifications at the time Standard Abrasives ships the product. STANDARD ABRASIVES MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the Standard Abrasives product does not conform to this warranty, then the sole and exclusive remedy is, at Standard Abrasives' option, replacement of the Standard Abrasives product or refund of the purchase price.

**Limitation of Liability:** Except where prohibited by law, Standard Abrasives will not be liable for any loss or damage arising from the Standard Abrasives product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



Standard Abrasives  
3M Center, Building 223-6S-03  
Saint Paul, MN 55144-1000  
1-800-423-5444  
www.standardabrasives.com

Standard Abrasives is a trademark of 3M.  
© 3M 2014  
61-5002-8387-6

For the distributor in your area call:  
TOLL-FREE: 800-423-5444  
FAX: 800-947-8263  
www.standardabrasives.com