

Bring it on!

A complete lineup of hardworking alumina zirconia flap discs — built to tackle all your toughest grinding & finishing jobs!



3M[™] AZ Flap Discs pack more punch – for top performance.

Today's highly competitive metalworking business is all about reducing costs through achieving greater productivity. Now, 3M brings you a full line of highperformance alumina zirconia flap discs - designed to reduce your labor cost per part by combining grinding and blending in one smooth process step!

3M™ AZ Flap Discs 546D, 577F and new 566A feature an alumina zirconia abrasive for superior cutting power and versatile performance on all metal types.

Flap discs are ideal for a wide range of applications, including:

- Grinding
- Surface prep Blending
- Beveling Finishing Deburring
- Splatter removal
- Edge chamfering

Engineered to Keep on going

– long after other discs have called it quits!

The power of flap disc technology

Flap discs are three-dimensional grinding discs consisting of overlapping layers of abrasive-coated, fiber-reinforced flaps attached to a central hub. These flaps continually wear away with use to expose fresh mineral for a fast, consistent cut.

The one-step alternative to bonded wheels and fibre discs.

Flap discs are flexible, so they easily follow curves and contours. They deliver less gouging, and provide great operator comfort. Best of all, they allow one-step grinding and blending - making them a time and cost-saving solution in many typical applications.

Under normal conditions, flap discs will generate a finish that is one grade finer than the finish of a fibre disc of the same grade. And, because their unique construction allows more abrasive material to be loaded on, they keep on cutting – long after other discs have called it guits!



Average flap discs provide average performance, but you choose 3M because average simply isn't good enough. 3M flap discs are engineered to provide the durability and cut rate you need, for your specific application.



3M™ AZ Flap Discs

			Diameter × Ctr. Hole (inches)											
	Typical Applications	Backing	4×3/	8 -24	4 ×	5/8	41/2 ×	5⁄8 –11	41/	′2×7/8	7×5/8	B -11	7>	c 7/8
			T27	T29	T27	T29	T27	T29	T27	T29	T27	T29	T27	T29
546D	Low pressure grinding: small welds, splatter, surface prep, finishing	X wt. cotton					•	•	•	•	•	•	•	•
566A	Versatile disc, performs well on most applications	Y wt. poly-cotton		•		•	•	•	•	•	•	•	•	•
577F	High pressure grinding: deburring, edge work and beveling	Y wt. polyester		•		•	•	•	•	•	•	•	•	•

3M™ Flap Discs 546D

For light duty grinding and finishing, choose 546D, made with a wearable cotton backing that constantly exposes fresh mineral for fast cut.



	UPC 051141-	Grade	Dia. × Ctr. Hole (inches)	Max. RPM	Quantity/ Case
	30594-3 30595-0 30596-7 30597-4 ⁺	40 60 80 120	4½×5/8-11*	10.000	
Type 27	30599-8 30600-1 30601-8 30602-5 [†]	40 60 80 120	4½×%	13,300	10
Type	30608-7 30609-4 30610-0 + 28919-4 [†]	40 60 80 120	7×5%-11*		_
	30604-9 30605-6 30606-3 + 28917-0'	40 60 80 120	7×1/8	8,600	5
	+ 28870-8 + 28871-5 + 28872-2 + 28873-9 [†]	40 60 80 120	4½×5%-11*	10 0000	40
Type 29	+ 28876-0 + 28877-7 + 28878-4 + 28879-1 [†]	40 60 80 120	13,3000 4½×¾		10
Тур	+ 28922-4 + 28923-1 + 28924-8 + 28925-5 [†]	40 60 80 120	7×5⁄8-11*	8,600	5
	+ 28928-6 + 28929-3 + 28930-9 + 28931-6 [†]	40 60 80 120	7×1/8	0,000	

- * Quick Change Hub Attachment
- † Made-to-Order
- + UPC Prefix= 051115-

Ordering Information

Choose the right disc for the job.



Select 3M" Flap Discs are available in the two following configurations:

TYPE 27 is designed for flat surfaces or outside edges. It is ideal for smooth finishes.



NEW! 3M™ Flap Discs 566A

			-		
	UPC 051141-	Grade	Dia. × Ctr. Hole (inches)	Max. RPM	Quantity/ Case
	553627 553634 553641	40 60 80	4½×5⁄8-11*	13,300	10
Type 27	553665 553672 553689	40 60 80	4½×7/8	13,300	10
Typ	553702 553719 553726	40 60 80	7×5⁄8-11*	8,600	5
	553740 553757 553764	40 60 80	7×1/8	5,550	-
	553948 553955 553962	40 60 80	4 × ³ / ₈ - 24*		
	553986 553993 554006	40 60 80	4×5/8	13,300	10
Type 29	554020 554037 554044	40 60 80	4½×5%-11*	ŕ	
Ty	554068 554075 554082	40 60 80	4½×¾		
	554105 554112 554129	40 60 80	7×5%-11*		5
	554143 554150 554167	40 60 80	7×7⁄8	8,600	J

When you want it all, choose 566A, with a flexible poly-cotton backing and a great balance of cut and life.



3M™ Flap Discs 577F

	UPC 051141-	Grade	Dia. × Ctr. Hole (inches)	Max. RPM	Quantity/ Case
	30951-4 30952-1 30953-8 30954-5	36 40 60 80	4½×5%-11*	13,300	10
ype 27	30955-2 30956-9 30957-6 30958-3	36 40 60 80	4½×%		
ΤŢ	30963-7 30964-4 30965-1 30966-8	36 40 60 80	7×5%-11*	8,600	5
	30959-0 30960-6 30961-3 30962-0	36 40 60 80	7×7/8		-
	27530-7 27531-4 27532-1	40 60 80	4 × ³ / ₈ – 24*		10
	28544-3 [†] 28545-0 [†] 28565-8 [†]	40 60 80	4 × ⁵ /8		
6	30983-5 30984-2 30985-9 30986-6	36 40 60 80	4½ × 5/8 – 11*	13,300	
Type 29	30987-3 30988-0 30989-7 30990-3	36 40 60 80	4½×¾		
	30991-0 30992-7 30993-4 30994-1	36 40 60 80	7 × ½ – 11*		-
	30995-8 30996-5 30997-2 30998-9	36 40 60 80	7 × 1/8	8,600	5

* Quick Change Hub Attachment

† Made-to-Order

For heavy grinding, choose 577F with its durable polyester backing made for long life.



Giant Flap Discs

Take a giant step toward greater productivity!

3M[™] Giant Flap Discs are extrathick, and packed with more abrasive muscle.

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

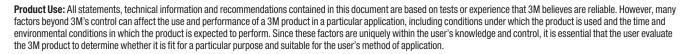
3M™ Giant Flap Discs 566A

		UPC 051141-	Grade	Dia. × Ctr. Hole (inches)	Max. RPM	Quantity/ Case
		553788 553795	40 60	4½×5%-11*		10
		553801	80		13,300	
		553825	40		10,000	
	7	553832	60	4½×%		
	Type 27	553849	80			
	Š	553863	40			
	—	553870	60	7×5/8-11*		
		553887	80		8,600	5
		553900	40	7×1/8	6,000	
		553917	60			
		553924	80			
		554174	36	4½×5/8-11*	13,300	10
		554181	40			
		554198	60	472×70-11		
		554204	80			
		554211	36			
		554228	40	4½×7/8		
	g;	554235	60	472 × 76		
	e 2	554242	80			
à	rype 29	554259	36			
•	Ė.	554266	40	7×5/8-11*		
		554273	60	1 × 70-11		
10th		554280	80		8,600	5
-		554297	36	7 × ⁷ /8		
a a		554303	40			
5		554310	60	1 × 78		
		554327	80			

3M™ Giant Flap Discs 577F

		_			
	UPC 051141-	Grade	Dia. × Ctr. Hole (inches)	Max. RPM	Quantity/ Case
	30967-5	36			
	30968-2	40			
	30969-9	60	4½×5/8-11*		
	30970-5	80			
	30971-2	36		13,300	10
	30972-9	40	41. 7.		
_	30973-6	60	$4\frac{1}{2} \times \frac{7}{8}$		
Type 27	30974-3	80			
ď	30979-8	36			5
	30980-4	40	- 5/ //*		
	30981-1	60	7×5/8-11*	8,600	
	30982-8	80			
	30975-0	36	7×7/8		
	30976-7	40			
	30977-4	60	7 × 1/8		
	30978-1	80			
	30999-6	36			
	31000-8	40	4½×5/8-11*		
	31001-5	60			
	31002-2	80		13,300	10
	31003-9	36		13,300	10
	31004-6	40	4 ½ × 1/8		
6	31005-3	60	472×76		
Type 29	31006-0	80			
8	31011-4	36		- 8,600	5
F-1	31012-1	40	7×5/8-11*		
	31013-8	60	7 ~ 70 11		
	31014-5	80			
	31007-7	36		0,000	
	31008-4	40	7×1/8		
	31009-1	60	1 ~ / 0		
	31010-7	80			

^{*} Quick Change Hub Attachment



Giant Flap Disc

Standard Flap Disc

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More Material. Longer

Life.

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