



# Smarter Performance

with 3M technology

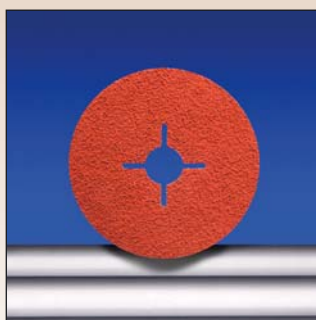




AO	Aluminium Oxide
AZ	Alumina Zirconia
Cu	3M™ Cubitron™ Abrasive Grain
SC	Silicon Carbide
T	3M™ Trizact™ Structured Abrasive
CL	Closed coat
OP	Open coat
SL	Slurry coated
R	Resin bond
RG	Resin over glue bond
F	Fibre
XF	X-weight cloth on reinforced glass fibre resin
X	X-weight cloth
A	A-weight paper
C	C-weight paper
D	D-weight paper
E	E-weight paper
L	Film
HF	Hook-faced
H	3M™ Hookit™ Hook & Loop Fastening System
S	3M™ Stikit™ Self Adhesive Fastening System
RF	Rigid fibreglass
FC	3M™ Fre-Cut™ Anti-Loading Coating
CP	Centre-Pin System
S	Spindle mounted
GA	Grinding Aid

## 3M 985C

<b>Mineral</b>	3M™ Cubitron™ Abrasive Grain
<b>Backing</b>	Fibre
<b>Coating</b>	Closed
<b>Bond</b>	Resin
<b>Features</b>	Grinding Aid



### Benefits

- Premium product with an aggressive cut and long life, recommended for high pressure applications where value can be measured
- Grinding aid reduces heat build-up to give a cooler cut on heat sensitive metals

### Applications

Weld grinding and stock removal

### Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 16	P36	15,200	25	100	100	61334
100 x 16	P50	15,200	25	100	100	61335
100 x 16	P60	15,200	25	100	100	61336
100 x 16	P80	15,200	25	100	100	61337
115 x 22	P24	13,200	25	100	100	61340
115 x 22	P36	13,200	25	100	100	61341
115 x 22	P50	13,200	25	100	100	61342
115 x 22	P60	13,200	25	100	100	61343
115 x 22	P80	13,200	25	100	100	61344
127 x 22	P36	12,000	25	100	100	61348
127 x 22	P50	12,000	25	100	100	61349
127 x 22	P60	12,000	25	100	100	61350
127 x 22	P80	12,000	25	100	100	61351
178 x 22	P24	8,500	25	100	100	61354
178 x 22	P36	8,500	25	100	100	61355
178 x 22	P50	8,500	25	100	100	61356
178 x 22	P60	8,500	25	100	100	61357
178 x 22	P80	8,500	25	100	100	61358

# 3M 983C

<b>Mineral</b>	3M™ Cubitron™ Abrasive Grain
<b>Backing</b>	Fibre
<b>Coating</b>	Closed
<b>Bond</b>	Resin



DISCS

### Benefits

- A high performance fibre disc designed for optimum results on mild and carbon steel
- Full Cubitron Mineral content gives a quick cut with long product life

### Applications

Weld grinding and stock removal

### Materials

- Mild steel
- Carbon steel



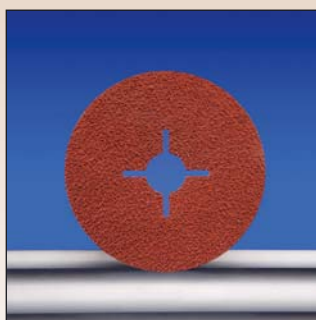
SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
180 x 22	P24	8,500	25	100	100	13378
180 x 22	P36	8,500	25	100	100	13348
180 x 22	P50	8,500	25	100	100	13338

### Accessories for use with 3M Fibre Discs

DESCRIPTION	SIZE	USE WITH	PADS PER INNER	PADS PER OUTER	MOQ	PART NO.
High Performance Ribbed Back Up Pad (for stock removal)	178mm x 5/8" Whit / M14-2.0	178mm fibre discs	5	5	5	09921
	127mm x M14-2.0	127mm fibre discs	10	10	10	09584
	115mm x M14 - 2.0	115mm fibre discs	10	10	10	09583
Flat Semi-Flexible Pad (for blending & finishing)	178mm x 5/8 Whit / M14-2.0	178mm fibre discs	5	5	5	09387
	127mm x M14-2.0	127mm fibre discs	10	10	10	09386
	115mm x M14 - 2.0	115mm fibre discs	5	5	5	07306
	100mm x M10-1.5	100mm fibre discs	10	10	10	07312

## 3M 785C

<b>Mineral</b>	3M™ Cubitron™ Abrasive Grain
<b>Backing</b>	Fibre
<b>Coating</b>	Closed
<b>Bond</b>	Resin
<b>Features</b>	Grinding aid



### Benefits

- High cutting performance and long life on medium pressure applications
- Grinding aid reduces heat build-up to give a cooler cut on heat sensitive metals

### Applications

Grinding and finishing stainless steel weld seams, e.g. on sinks, display cases, jet engine components, power plant vessels

### Materials

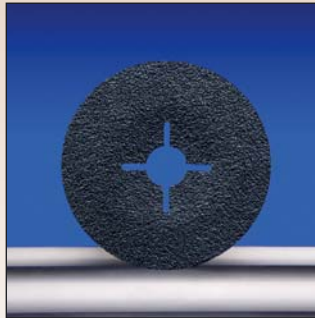
- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 16	P36	15,200	25	100	100	88958
100 x 16	P50	15,200	25	100	100	88959
100 x 16	P60	15,200	25	100	100	88960
100 x 16	P80	15,200	25	100	100	88961
100 x 16	P100	15,200	25	100	100	88962
100 x 16	P120	15,200	25	100	100	88963
115 x 22	P24	13,200	25	100	100	88964
115 x 22	P36	13,200	25	100	100	88965
115 x 22	P50	13,200	25	100	100	88966
115 x 22	P60	13,200	25	100	100	88967
115 x 22	P80	13,200	25	100	100	88968
115 x 22	P100	13,200	25	100	100	88969
115 x 22	P120	13,200	25	100	100	88970
125 x 22	P24	12,000	25	100	100	88971
125 x 22	P36	12,000	25	100	100	88972
125 x 22	P50	12,000	25	100	100	88973
125 x 22	P60	12,000	25	100	100	88974
125 x 22	P80	12,000	25	100	100	88975
125 x 22	P120	12,000	25	100	100	88977
180 x 22	P24	8,500	25	100	100	88978
180 x 22	P36	8,500	25	100	100	88979
180 x 22	P50	8,500	25	100	100	88980
180 x 22	P60	8,500	25	100	100	88981
180 x 22	P80	8,500	25	100	100	88982
180 x 22	P100	8,500	25	100	100	88983
180 x 22	P120	8,500	25	100	100	88984

# 3M 501C

- Mineral**     Alumina Zirconia
- Backing**    Fibre
- Coating**    Closed
- Bond**        Resin



DISCS

### Benefits

- High cutting action and long product life on medium pressure applications
- Excellent mineral retention for edge grinding applications

### Applications

Grinding and finishing weld seams, containers and machine parts; steel construction (e.g. girders); industrial maintenance; general sheet metal and workshop applications

### Materials

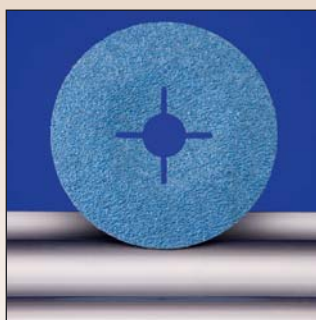
- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x16	P24	15,200	25	100	100	A60496
100 x16	P36	15,200	25	100	100	A60497
100 x16	P50	15,200	25	100	100	A60498
100 x16	P60	15,200	25	100	100	A60499
100 x 16	P80	15,200	25	100	100	A60500
115 x 22	P24	13,200	25	100	100	A60503
115 x 22	P36	13,200	25	100	100	A60504
115 x 22	P50	13,200	25	100	100	A60505
115 x 22	P60	13,200	25	100	100	A60506
115 x 22	P80	13,200	25	100	100	A60507
115 x 22	P100	13,200	25	100	100	A60508
115 x 22	P120	13,200	25	100	100	A60509
125 x 22	P24	12,000	25	100	100	A60510
125 x 22	P36	12,000	25	100	100	A60511
125 x 22	P50	12,000	25	100	100	A60512
125 x 22	P60	12,000	25	100	100	A60513
125 x 22	P80	12,000	25	100	100	A60514
180 x 22	P24	8,500	25	100	100	A60517
180 x 22	P36	8,500	25	100	100	A60518
180 x 22	P50	8,500	25	100	100	A60519
180 x 22	P60	8,500	25	100	100	A60520
180 x 22	P80	8,500	25	100	100	A60521
180 x 22	P100	8,500	25	100	100	A60522

## 3M 581C

<b>Mineral</b>	Alumina Zirconia
<b>Backing</b>	Fibre
<b>Coating</b>	Closed
<b>Bond</b>	Resin



### Benefits

- Good performance and a consistent quality finish at an economical price
- Conveniently packaged with 50 discs on a reusable disc clamping system, for easy storage and retention of disc shape and form

### Applications

Grinding and finishing weld seams, containers, machine parts; steel construction; industrial maintenance; general sheet metal and workshop applications

### Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 16 (No slots)	P24	15,200	50	200	200	61740
100 x 16 (No slots)	P36	15,200	50	200	200	61741
100 x 16 (No slots)	P50	15,200	50	200	200	61742
100 x 16 (No slots)	P60	15,200	50	200	200	61743
100 x 16 (No slots)	P80	15,200	50	200	200	61744
100 x 16 (No slots)	P120	15,200	50	200	200	61746
115 x 22 (With slots)	P24	13,200	50	200	200	61747
115 x 22 (With slots)	P36	13,200	50	200	200	61748
115 x 22 (With slots)	P50	13,200	50	200	200	61749
115 x 22 (With slots)	P60	13,200	50	200	200	61750
115 x 22 (With slots)	P80	13,200	50	200	200	61751
115 x 22 (With slots)	P120	13,200	50	200	200	61753
125 x 22 (With slots)	P24	12,000	50	200	200	61754
125 x 22 (With slots)	P36	12,000	50	200	200	61755
125 x 22 (With slots)	P50	12,000	50	200	200	61756
125 x 22 (With slots)	P60	12,000	50	200	200	61757
125 x 22 (With slots)	P80	12,000	50	200	200	61758
125 x 22 (With slots)	P120	12,000	50	200	200	61760
180 x 22 (With slots)	P24	8,500	50	200	200	61761
180 x 22 (With slots)	P36	8,500	50	200	200	61762
180 x 22 (With slots)	P50	8,500	50	200	200	61763
180 x 22 (With slots)	P60	8,500	50	200	200	61764
180 x 22 (With slots)	P80	8,500	50	200	200	61765
180 x 22 (With slots)	P120	8,500	50	200	200	61767

# 3M 574F

- Mineral** Alumina Zirconia
- Backing** X-weight polyester cloth on reinforced glass fibre resin
- Coating** Closed
- Bond** Resin



DISCS

### Benefits

- Rapid cut rate and improved life in medium to high pressure applications
- Flap disc construction enables grinding and refining to be combined in one process step
- Efficient performance throughout product life

### Applications

Weld line grinding and finishing; descaling and deflashing of cast parts; finishing prior to blending (stainless steel) or coating (mild steel / aluminium)

### Materials

- All metals

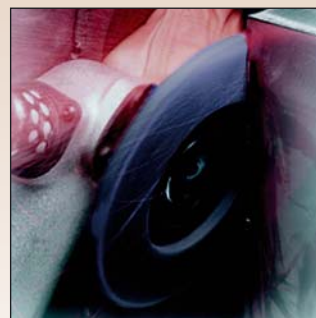
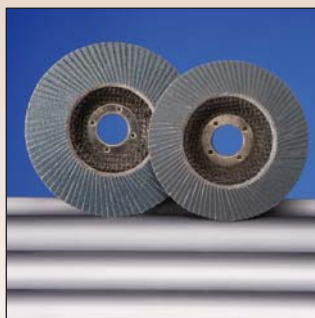


TYPE	SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
Flat	100 x 16	P40	15,200	10	10	10	61547
Flat	100 x 16	P60	15,200	10	10	10	61548
Flat	100 x 16	P80	15,200	10	10	10	61549
Flat	115 x 22	P40	13,200	10	10	10	61550
Flat	115 x 22	P60	13,200	10	10	10	61551
Flat	115 x 22	P80	13,200	10	10	10	61552
Flat	125 x 22	P40	12,000	10	10	10	61553
Flat	125 x 22	P60	12,000	10	10	10	61554
Flat	125 x 22	P80	12,000	10	10	10	61555
Flat	180 x 22	P40	8,500	10	10	10	61559
Flat	180 x 22	P60	8,500	10	10	10	61560
Flat	180 x 22	P80	8,500	10	10	10	61561
Conical	100 x 16	P40	15,200	10	10	10	61562
Conical	100 x 16	P60	15,200	10	10	10	61563
Conical	100 x 16	P80	15,200	10	10	10	61564
Conical	115 x 22	P40	13,200	10	10	10	61565
Conical	115 x 22	P60	13,200	10	10	10	61566
Conical	115 x 22	P80	13,200	10	10	10	61567
Conical	125 x 22	P40	12,000	10	10	10	61568
Conical	125 x 22	P60	12,000	10	10	10	61569
Conical	125 x 22	P80	12,000	10	10	10	61570
Conical	180 x 22	P40	8,500	10	10	10	61574
Conical	180 x 22	P60	8,500	10	10	10	61575
Conical	180 x 22	P80	8,500	10	10	10	61576



## 3M 556D

- Mineral** Alumina Zirconia
- Backing** X-weight cotton cloth on reinforced glass fibre resin
- Coating** Closed
- Bond** Resin



### Benefits

- Good performance at an economical price
- Available in P120 for finer blending, refining and finishing work

### Applications

Weld grinding, stock removal, deburring, deflashing, gate removal, edge chamfering, cleaning, blending, finishing

### Materials

- All metals



TYPE	SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
Flat	115 x 22	P40	13,200	10	10	10	61788
Flat	115 x 22	P60	13,200	10	10	10	61789
Flat	115 x 22	P80	13,200	10	10	10	61790
Flat	115 x 22	P120	13,200	10	10	10	61791
Flat	125 x 22	P40	12,000	10	10	10	61796
Flat	125 x 22	P60	12,000	10	10	10	61797
Flat	125 x 22	P80	12,000	10	10	10	61798
Flat	125 x 22	P120	12,000	10	10	10	61799
Flat	180 x 22	P40	8,500	10	10	10	61804
Flat	180 x 22	P60	8,500	10	10	10	61805
Flat	180 x 22	P80	8,500	10	10	10	61806
Flat	180 x 22	P120	8,500	10	10	10	61807
Conical	115 x 22	P40	13,200	10	10	10	61784
Conical	115 x 22	P60	13,200	10	10	10	61785
Conical	115 x 22	P80	13,200	10	10	10	61786
Conical	115 x 22	P120	13,200	10	10	10	61787
Conical	125 x 22	P40	12,000	10	10	10	61792
Conical	125 x 22	P60	12,000	10	10	10	61793
Conical	125 x 22	P80	12,000	10	10	10	61794
Conical	125 x 22	P120	12,000	10	10	10	61795
Conical	180 x 22	P40	8,500	10	10	10	61800
Conical	180 x 22	P60	8,500	10	10	10	61801
Conical	180 x 22	P80	8,500	10	10	10	61802
Conical	180 x 22	P120	8,500	10	10	10	61803



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