

3M Abrasive Systems
Product Catalogue

Grinding **REINVENTED**

Discs

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 Air-Powered Random Orbital Sander

Grinding, Fibre & Flap Discs

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	80+	60	60+	50	40	36	36+	24
Green Corps	19	Cu		R																										
Cubitron™ II DCGW	20	Cu II		R																										
HP Grinding Whl	21	Cu II		R																										
3M 982C	22	Cu II	CL	R	F																									
3M 987C	23	Cu II	CL	R	F	GA																								
3M 985C	24	Cu	CL	R	F	GA																								
3M 581C	25	AZ	CL	R	F																									
3M 967A	26	Cu II		R																										
3M 566D	27	AZ	CL	R	X																									

Scotch-Brite Cleaning & Finishing Discs

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	XCRS	Heavy Duty	Super Duty
SC-DH	29	AO			H	CP									
SC-DB	30	AO			F										
Lap Mop	31	AO													
XT-DC (Purple)	33	SC													
XT-ZS (Purple)	33	SC				S									
XT-DB (Purple)	33	SC			F										
XT-RD (Purple)	33	SC			RF										
CG-DC (Blue)	34	SC													
CG-ZS (Blue)	34	SC				S									
CG-DB (Blue)	34	SC			F										
CG-RD (Blue)	34	SC			RF										
GB-DH	28	Cu													
RO-HA	35	PCG			H										

3M™ Cut Off Wheels

MATERIAL	Page	Mineral	Density	Bond	Backing	Features
Cubitron™ II	14	Cu II		R		
HP	15	Cu II		R		
Green Corps	16	C		R		
Inox	17	AO	CL	R		
Cubitron II™ Cut and Grind	18	Cu II		R		

Hookit & Stikit Discs

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Attachment	1500	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	60	50	40	36	24
Purple	36	Cu		R	C	FC	H																						
3M 236U	37	AO		R	C		H																						
3M 375L	39	AO		R	F		H																						
3M 255P	40	AO	CL	R	C	FC	H																						
3M 245	41	AO	OP	R	E		H/S																						
3M 310U	42	AO		R	C	FC	H/S																						

Microfinishing Discs

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Ungraded	A5	A10	A35	7µ	9µ	15µ	20µ	30µ	40µ	50µ	60µ	80µ	100µ	120µ	150µ	180µ
3M 266L	44	AO	CL	R	L	FC																	
3M 268L	45	AO		R	L																		
3M 286Q	46	AO	SL																				
3M 486Q	46	AO	SL																				
3M 268XA	47	AO	T		L																		
3M 568XA	47	CO	T		L																		

See 3M Coated Abrasives Technical Information and Scotch-Brite Technical Information for further details

Cut Off Wheels

Cubitron™ II Cut Off Wheels

Mineral Precision Shaped Grain
Construction Resin bonded
Type T41 and T42



DISCS

3M™ Cubitron™ II Cut-off Wheel T41 & T42

- Premium Performance
- 3M™ precision-shaped grain for ultra fast cool cutting action and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool cutting helps extend the life of the tool

CUBITRON™ II

Diameter	Thickness	Arbor	Max RPM	Inner/case	Part number
3M™ CUBITRON™ II CUT-OFF WHEEL T41					
75	1.0	6.35	25,450	25/50	65450
75	1.0	9.35	25,450	25/50	65452
115	1.0	22.23	13,300	25/50	65513
115	1.6	22.23	13,300	25/50	65454
125	1.0	22.23	12,200	25/50	65512
125	1.6	22.23	12,200	25/50	65455
125	2.0	22.23	12,200	25/50	65461
180	1.6	22.23	8,500	25/50	65456
180	2.0	22.23	8,500	25/50	65462
230	2.0	22.23	6,650	25/50	65463
230	2.5	22.23	6,650	25/50	65471
230	3.0	22.23	6,650	25/50	65487
3M™ CUBITRON™ II CUT-OFF WHEEL T42					
115	2.5	22.23	13,300	25/50	65472
125	2.5	22.23	12,200	25/50	65477
180	2.5	22.23	8,500	25/50	65479
230	2.5	22.23	6,650	25/50	65481

High Performance Cut Off Wheels

DISCS

ROLOC

BRISTLE

WHEELS

BELTS

HAND
SANDING

SHEETS

ROLLS

TOOLS

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Mineral Ceramic Grain
Construction Resin bonded
Type T41



3M™ High Performance Cut-Off Wheel T41

- 3M™ ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel

For the ideal combination of value and performance, choose these 3M™ High Performance cut-off wheels for the job. They feature 3M™ ceramic abrasive grain for fast cut and long life, and are specially formulated to be used on stainless and mild steel.

Diameter	Thickness	Arbor	Max RPM	Inner/case	Part number
3M™ HIGH PERFORMANCE CUT-OFF WHEEL T41					
115	1.0	22.23	13,300	25/50	85362
115	1.6	22.23	13,300	25/50	85363
125	1.0	22.23	12,200	25/50	85370
125	1.6	22.23	12,200	25/50	85371
180	1.6	22.23	8,500	25/50	85384
180	2.0	22.23	8,500	25/50	85385
230	2.0	22.23	6,650	25/50	85391
230	2.5	22.23	6,650	25/50	85392

3M™ Inox Cut Off Wheels

Mineral	Aluminium oxide
Construction	Resin bond, fibre reinforced, Type BF
Format	Type 41
Grade	46



Benefits

- Good performance and a consistent cut rate at an economical price
- Accurate clean cutting
- Fully compliant with EN12413

Applications

- Light precise cutting applications

Materials

- All metals
(including stainless steel)



SIZE mm	MOS (rpm)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
115 x 1 x 22	13,300	50	200	200	68010
115 x 1.6 x 22	13,300	50	200	200	60831
125 x 1 x 22	12,200	50	200	200	68011
125 x 1.6 x 22	12,200	50	200	200	60832
180 x 2 x 22	8,500	25	100	100	62918
180 x 2.5 x 22	8,500	25	100	100	62919
230 x 2 x 22	6,650	25	100	100	62920
230 x 2.5 x 22	6,650	25	100	100	62921
230 x 3.2 x 22	6,650	25	100	100	62922

DISCS

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Cut and Grind Wheels

Cubitron™ II Cut and Grind Wheels

DISCS

Mineral Precision Shaped Grain

Construction Resin bonded



Benefits

- Combine the ultra-fast and cool cutting of Cubitron™ II Cut Off Wheels with the strength and durability of Cubitron™ II Grinding Wheels to allow faster job completion with longer life

Applications

- Ideal for cutting, notching, gouging, fillet-weld removal and bevelling

Materials

- Mild steel
- Stainless steel

CUBITRON™ II

Diameter (mm)	Thickness (mm)	Arbor	Max RPM	Inner/case	Part Number
100	4.2	9.53	13300	10/20	81155
100	4.2	15.88	13300	10/20	81153
115	4.2	22.23	13300	10/20	81157
125	4.2	22.23	12250	10/20	81149
150	4.2	22.23	10200	10/20	81152
180	4.2	22.23	8500	10/20	81148
230	4.2	22.23	6650	10/20	81154

3M™ Green Corps™ Flexible Grinding Wheel

Mineral 3M™ Cubitron™
Abrasive Grain

Structure Resin bonded



Benefits

- Engineered to provide a fast cut and uniform finish with reduced operator fatigue
- Contributes to reduction in noise, dust and hand-arm vibration levels

Applications

- Weld grinding, de-scaling, heavy deburring, deflashing of flame-cut parts

Materials

- Metal



Green Corps Flexible Grinding Disc Kits

KIT DESCRIPTION	SIZE mm	GRADE	MOS (RPM)	KITS PER INNER	KITS PER OUTER	MOQ	PART NO.
20 discs plus 2 back-up pads	100 x 3 x 16	P36	15,000	1	10	10	60105
20 discs plus 2 back-up pads	115 x 3 x 22	P36	13,000	1	10	10	60630
20 discs plus 2 back-up pads	125 x 3 x 22	P36	12,000	1	10	10	60634
20 discs plus 2 back-up pads	180 x 3 x 22	P36	8000	1	5	5	A60638

Green Corps Flexible Grinding Disc Back-Up Pads

SIZE mm	USE WITH	MOS (RPM)	UNITS PER INNER	UNITS PER OUTER	MOQ	PART NO.
86 x 16	100mm disc	15,000	5	100	100	60110
100 x 22	115/125mm disc	13,000	5	100	100	60642
117 x 22	180mm disc	8000	5	100	100	60643

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Grinding Wheels

Cubitron™ II Depressed Centre Grinding Wheels

- Mineral** Precision Shaped Grain / Aluminium Oxide
- Structure** Resin bonded



Information

- Cubitron™ II depressed centre grinding wheels produce very high cut rates on a wide variety of metals. They are used for heavy weld removal and many other grinding applications.

Performance Characteristics

- Premium Performance
- 3M™ precision-shaped grain for ultra fast cut and long life
- Specially formulated for use on stainless and mild steel
- Cool cutting for a higher quality and faster cut
- Fast, cool cutting helps extend the life of the tool



DIAMETER	THICKNESS	ARBOR	MAX RPM	INNER/CASE	PART NO.
115	7,0	22,23	13300	10/20	94003-Q
125	7,0	22,23	12250	10/20	94002-Q
150	7,0	22,23	10200	10/20	94001-Q
180	7,0	22,23	8500	10/20	94000-Q
230	7,0	22,23	6650	10/20	93999-Q

CUBITRON™ II

High Performance Grinding Wheels

Mineral Ceramic Grain
Structure Resin bonded



Information

- For the ideal combination of value and performance, choose these 3M™ High Performance depressed centre grinding wheels. They feature 3M™ ceramic abrasive grain for fast cut and long life, and are specially formulated for use on stainless and mild steel.

Performance Characteristics

- 3M™ ceramic abrasive grain provides fast cut and long life
- Specially formulated for use on stainless and mild steel



DIAMETER	THICKNESS	ARBOR	MAX RPM	INNER/CASE	PART NO.
115	6,5	22,23	13300	10/20	85400
125	6,5	22,23	12250	10/20	85405
150	6,5	22,23	10200	10/20	85410
180	7,0	22,23	8500	10/20	85415
230	7,0	22,23	6650	10/20	85420

DISCS

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Fiber Discs

3M™ 982C

Mineral 3M™ Cubitron™ II
Precision Shaped
Grain

Backing Fiber

Coating Closed

Bond Resin



Benefits

- 3M's highest performance fiber disc range designed for optimum results
- 3M precision shaped ceramic grain provides engineered stock removal capabilities

Applications

- Weld grinding, stock removal and blending

Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
115 x 22	36+	13,200	25	100	100	382883
115 x 22	60+	13,200	25	100	100	460710
115 x 22	80+	13,200	25	100	100	460706
125 x 22	36+	12,000	25	100	100	382887
125 x 22	60+	12,000	25	100	100	460677
125 x 22	80+	12,000	25	100	100	460685
180 x 22	36+	8,500	25	100	100	460714
180 x 22	60+	8,500	25	100	100	464049
180 x 22	80+	8,500	25	100	100	464048

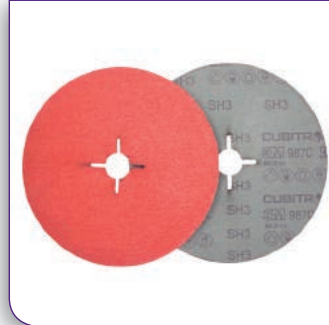
For details of all new Cubitron II products please contact your local 3M Representative or Distributor

CUBITRON™ II

Fiber Discs

3M™ 987C

Mineral	3M™ Cubitron™ II Precision Shaped Grain
Backing	Fiber
Coating	Closed
Bond	Resin
Features	Grinding aid



Benefits

- 3M's highest performance fiber disc range designed for optimum results
- Precision shaped ceramic grain provides engineered stock removal capabilities

Applications

- Weld grinding, stock removal and blending

Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
115 x 22	36+	13,200	25	100	100	460683
115 x 22	60+	13,200	25	100	100	460678
115 x 22	80+	13,200	25	100	100	460629
127 x 22	36+	12,000	25	100	100	460682
127 x 22	60+	12,000	25	100	100	464066
127 x 22	80+	12,000	25	100	100	460630
180 x 22	36+	8,500	25	100	100	464475
180 x 22	60+	8,500	25	100	100	464822
180 x 22	80+	8,500	25	100	100	464047

Accessories for use with 3M Fibre Discs

DESCRIPTION	SIZE	USE WITH	PADS PER INNER	PADS PER OUTER	MOQ	PART NO.
Fiber disc BUP Ribbed, Red	115mm x M14 - 2.0	115mm CII fiber discs	10	10	10	64860
	125mm x M14 - 2.0	125mm CII fiber discs	10	10	10	64861
	180mm x M14 - 2.0	180mm CII fiber discs	10	10	10	64862

DESCRIPTION	SIZE	USE WITH	PADS PER INNER	PADS PER OUTER	MOQ	PART NO.
Fiber disc BUP Semi flex, Flat, Red	115mm x M14 - 2.0	115mm CII fiber discs	10	10	10	64857
	125mm x M14 - 2.0	125mm CII fiber discs	10	10	10	64858
	180mm x M14 - 2.0	180mm CII fiber discs	10	10	10	64859

DISCS

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CUBITRON™ II

Fiber Discs

3M™ 782C/787C

DISCS

Mineral	3M™ Cubitron™ Abrasive Grain
Backing	Fiber
Coating	Closed
Bond	Resin
Features	Grinding aid



Benefits

- Ideal choice for carbon steel offering a faster cut and longer life than alumina zirconia (AZ) and conventional ceramic abrasives.
- Optimized for stainless steel and non-ferrous metals like aluminum and Cuts cooler, faster and lasts longer than conventional ceramic discs in applications like weld removal, beveling, edge chamfering and more.

Applications

- Weld removal, grinding, bevelling, edge chamfering

Materials

- Carbon Steel (782C)
Stainless Steel (787C)



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)
115 x 22	P36	13,200	25	100	100
115 x 22	P60	13,200	25	100	100
115 x 22	P80	13,200	25	100	100
127 x 22	P36	12,000	25	100	100
127 x 22	P60	12,000	25	100	100
127 x 22	P80	12,000	25	100	100
178 x 22	P36	8,500	25	100	100
178 x 22	P60	8,500	25	100	100
178 x 22	P80	8,500	25	100	100

Accessories for use with 3M Fiber 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 fiber discs	5	5	5	09921
	127mm x M14 - 2.0	127mm fiber discs	10	10	10	09584
	115mm x M14 - 2.0	115mm fiber discs	10	10	10	09583
Flat Semi-Flexible Pad (for blending & finishing)	178mm x 5/8" Whit / M14 - 2.0	178mm fiber discs	5	5	5	09387
	127mm x M14 - 2.0	127mm fiber discs	10	10	10	09386
	115mm x M14 - 2.0	115mm fiber discs	5	5	5	07306

Cubitron™ II 967A

DISCS

Mineral	Precision-shaped grain
Backing	Y-Weight Poly-cotton
Coating	Closed
Bond	Resin
Features	Grinding aid



Benefits

- Lower costs with long disc life, fewer disc changes
- Grinding aid keeps product cool on heat-sensitive metals
- Faster cut with less pressure applied for more parts per disc

Applications

- Blending and light cleaning
- Weld removal, scale removal and surface prep
- Beveling and light deburring

Materials

- Stainless steel
- Carbon steel
- Aluminium
- Non-ferrous metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
FLAT						
115	40	13,300	10	10	10	65066
115	60	13,300	10	10	10	65067
115	80	13,300	10	10	10	65068
125	40	12,200	10	10	10	65069
125	60	12,200	10	10	10	65070
125	80	12,200	10	10	10	65071
180	40	8,600	10	10	10	65072
180	60	8,600	10	10	10	65073
180	80	8,600	10	10	10	65074
CONICAL						
115	40	13,300	10	10	10	65051
115	60	13,300	10	10	10	65052
115	80	13,300	10	10	10	65053
125	40	12,200	10	10	10	65054
125	60	12,200	10	10	10	65055
125	80	12,200	10	10	10	65056
180	40	8,600	10	10	10	65060
180	60	8,600	10	10	10	65061
180	80	8,600	10	10	10	65062

CUBITRON™ II

3M™ 969F

Mineral Cubitron II
Backing Y-Weight Poly-cotton
Coating Closed



Benefits

- Extra cutting power on all metal types
- Long-lasting flap disc construction

Applications

- For aggressive stock removal on a variety of welds, coatings and metal fabrication applications.

- **Materials**
- All metals



TYPE	SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)
Flat	115	P40	13,300	5	100	100
Flat	115	P60	13,300	5	100	100
Flat	115	P80	13,300	5	100	100
Flat	125	P40	12,000	5	100	100
Flat	125	P60	12,000	5	100	100
Flat	125	P80	12,000	5	100	100
Flat	180	P40	8,600	5	100	100
Flat	180	P60	8,600	5	100	100
Flat	180	P80	8,600	5	100	100
Conical	115	P40	13,300	5	100	100
Conical	115	P60	13,300	5	100	100
Conical	115	P80	13,300	5	100	100
Conical	125	P40	12,000	5	100	100
Conical	125	P60	12,000	5	100	100
Conical	125	P80	12,000	5	100	100
Conical	180	P40	8,600	5	100	100
Conical	180	P60	8,600	5	100	100
Conical	180	P80	8,600	5	100	100

CUBITRON™ II

Surface Conditioning Discs

Scotch-Brite™ Light Grinding and Blending Discs GB-DH

- Mineral** Cubitron™ Abrasive Grain
- Backing** Hook and Loop
- Grades** Super-duty ACRS and Heavy-duty ACRS



DISCS

Benefits

- Contains Cubitron™ ceramic grain for long disc life and fast cut rate to increase productivity with fewer abrasive steps required to complete the job
- Can grind and blend in a single step
- Fits with current attachment system so no need for multiple tools and back up pads

Applications

- Light grinding and blending applications providing a Scotch-Brite™ burr-free finish
- Small weld removal with Super-duty
- Removing discolouration and residual sealants, surface preparation prior to coating/ painting.

Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
115 x 22	Super Duty - ACRS	10,000	50	50	50	64400
178 x 22	Super Duty - ACRS	11,000	25	25	25	60344
178 x 22	Heavy Duty - ACRS	11,000	25	25	25	60347

Accessories for use with GB-DH

DESCRIPTION	SIZE	USE WITH	PADS PER INNER	PADS PER OUTER	MOQ	PART NO.
Centre-Pin Back Up Pad	100mm M10 x 1.5"	100mm SC-DH	1	5	5	61677
	100mm M14	100mm SC-DH	1	5	5	61678
	100mm 5/8"	100mm SC-DH	1	5	5	61679
	115mm M14	115mm SC-DH	1	5	5	61680
	178mm M14	178mm SC-DH	1	5	5	61682
	178mm 5/8"	178mm SC-DH	1	5	5	61683

Scotch-Brite™ Surface Conditioning Discs SC-DH

DISCS

ROLOC

BRISTLE

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Mineral Aluminium oxide
Backing Hook and loop



Benefits

- Centre Pin system contributes to a reduction in hand-arm vibration and prevents fly off
- Ability to remove small weld whilst simultaneously blending and finishing

Applications

- Small weld removal with Super Duty
- Removal of rust and cleaning of flat metal parts
- Removing discolouration and residual sealants, surface preparation prior to coating or painting and reducing roughness after sanding

Materials

- All metals



SIZE mm	GRADE	MOS (RPM)	COLOUR	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 16	AVFN	13,000	Blue	25	25	25	421223
100 x 16	AMED	13,000	Maroon	25	25	25	408207
100 x 16	ACRS	13,000	Lt Brown	25	25	25	430399
100 x 16	Heavy Duty	13,000	Dk Brown	25	25	25	444653
100 x 16	Super Duty	13,000	Black	25	25	25	444654
115 x 22	AVFN	12,000	Blue	20	20	20	60983
115 x 22	AMED	12,000	Maroon	20	20	20	60982
115 x 22	ACRS	12,000	Lt Brown	20	20	20	60981
115 x 22	Heavy Duty	12,000	Dk Brown	20	20	20	445223
115 x 22	Super Duty	12,000	Black	20	20	20	450343
178 x 22	AVFN	6000	Blue	20	20	20	60987
178 x 22	AMED	6000	Maroon	20	20	100	60986
178 x 22	ACRS	6000	Lt Brown	20	20	20	60985
178 x 22	Heavy Duty	6000	Dk Brown	20	20	20	445211

Accessories for use with SC-DH

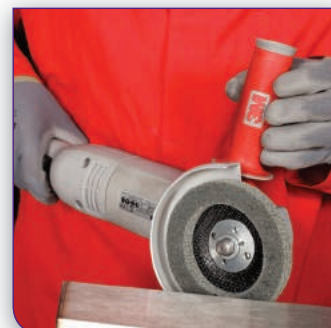
DESCRIPTION	SIZE	USE WITH	PADS PER INNER	PADS PER OUTER	MOQ	PART NO.
Centre-Pin Back Up Pad	100mm M10 x 1.5"	100mm SC-DH	1	5	5	61677
	100mm M14	100mm SC-DH	1	5	5	61678
	100mm 5/8"	100mm SC-DH	1	5	5	61679
	115mm M14	115mm SC-DH	1	5	5	61680
	178mm M14	178mm SC-DH	1	5	5	61682
	178mm 5/8"	178mm SC-DH	1	5	5	61683

Unitised Disc

Scotch-Brite™ EXL Unitised Disc XL-UD

DISCS

Mineral	Aluminium oxide / Silicon carbide
Backing	Unitised
Coating	Fine, Coarse



Benefits

- Consistent results throughout product life
- Will not change the geometry of the workpiece
- Produces uniform surface finishes without chatter marks, especially on stainless steel

Applications

- Use to achieve a striking, unique finish on stainless steel and other metals

Materials

- All metals



SIZE mm	GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	PART NO.
115 x 22	2S-FIN	Grey	11,000	5	5	5	29201
115 x 22	8A-CRS	Grey	13,300	5	5	5	29200
115 x 22	6S-FIN	Grey	13,300	5	5	5	27689
115 x 22	7A-MED	Grey	13,300	5	5	5	29205
115 x 22	5A-FIN	Grey	13,300	5	5	5	29204



Scotch-Brite™ Clean & Strip XT Purple Discs

Mineral Silicon carbide

Conversions XT-DC
XT-ZS
XT-DB
XT-RD

Also available in 3M Roloc conversion, see page 59



Benefits

- Next generation Scotch-Brite Purple XT Web offers significantly improved life at a more competitive price
- Stiffer construction means superior performance in heavier duty applications

Applications

- Pre- and post-weld cleaning in metal fabrication applications; removal of rust and other coatings

Materials

- Metal
- Corrosion
- Coatings

Conversions

XT-DC Holed for use with a straight grinder
XT-ZS Spindle mounted for easy fitting to a die grinder
XT-DB Fibre-backed for use with an angle grinder
XT-RD Rigid fibre glass backing, for use with an angle grinder



SIZE mm	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
XT-DC							
100 x 13	XCRS	Purple	6,000	10	30	30	A07933
150 x 13	XCRS	Purple	4,000	10	20	20	A07934
200 x 13	XCRS	Purple	3,000	12	12	12	A07935
Use with A07947 or 07948 to gang two discs together							
XT-ZS							
75 x 13 x 6	XCRS	Purple	10,000	10	10	10	05808
75 x 25 x 6	XCRS	Purple	10,000	10	10	10	A05811
100 x 13 x 6	XCRS	Purple	8,000	10	10	10	05809
100 x 25 x 6	XCRS	Purple	8,000	10	10	10	A05812
150 x 13 x 6	XCRS	Purple	6,000	6	6	6	A05810
150 x 25 x 6	XCRS	Purple	6,000	6	6	6	A05813
XT-DB							
115 x 22	XCRS	Purple	10,000	10	10	10	05816
178 x 22	XCRS	Purple	6,500	10	10	10	05817
XT-RD							
115 x 22	XCRS	Purple	11,000	10	10	10	05818

DISCS

ROLOC

BRISTLE

WHEELS

BELTS

HAND
SANDING

SHEETS

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TOOLS

INDEX

Clean and Strip

Scotch-Brite™ Clean & Strip GP Blue Discs

DISCS

Mineral Silicon carbide
Backing CG-DC
CG-ZS
CG-DB
CG-RD

Also available in 3M® Roloc™ conversion, see page 60



Benefits

- A flexible disc for general purpose cleaning applications
- Offers long life and improved cut rate compared to the original Black Clean & Strip range

Applications

- Ideal for pre- and post-weld cleaning where more flexibility is required; rust, paint and coatings removal

Materials

- Metal
- Corrosion
- Coatings

Conversions

CG-DC Holed for use with a straight grinder
CG-ZS Spindle mounted for easy fitting to a die grinder
CG-DB Fibre-backed for use with an angle grinder
CG-RD Rigid fibre glass backing, for use with an angle grinder



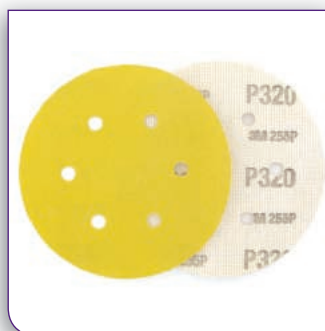
SIZE mm	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
CG-DC							
100 x 13	XCRS	Blue	6,000	10	30	30	61121
150 x 13	XCRS	Blue	4,000	10	20	20	61122
200 x 13	XCRS	Blue	3,000	12	12	12	61163
Use with A07947 or 07948 to gang two discs together							
CG-ZS							
75 x 13 x 6	XCRS	Blue	10,000	10	10	10	61164
75 x 25 x 6	XCRS	Blue	10,000	10	10	10	61167
100 x 13 x 6	XCRS	Blue	8,000	10	10	10	61165
100 x 25 x 6	XCRS	Blue	8,000	10	10	10	61168
150 x 13 x 6	XCRS	Blue	6,000	6	6	6	61166
150 x 25 x 6	XCRS	Blue	6,000	6	6	6	61169
CG-DB							
115 x 22	XCRS	Blue	10,000	10	10	10	61172
CG-RD							
115 x 22	XCRS	Blue	11,000	10	10	10	61174

Accessories for use with Scotch-Brite Clean & Strip Discs

DESCRIPTION	SIZE	USE WITH	UNITS PER INNER	UNITS PER OUTER	MOQ	PART NO.
Disc mandrel 900-6	6mm spindle	100mm discs	1	5	5	A07947
Disc mandrel 900-8	8mm spindle	150mm & 200mm discs	1	5	5	07948

3M™ 255P

Mineral	Aluminium oxide
Backing	C-weight paper
Coating	Open
Bond	Resin
Features	Fre-Cut anti-loading coating
Attachment	Hookit



Benefits

- C-weight paper backing gives good mineral support for longer product life and sustained cutting action
- Features enhanced anti-loading coating to extend product working life

Applications

- Intermediate and final sanding of metal, solid and painted surfaces in addition to varnished surfaces and plastic parts

Materials

- Metal
- Paints
- Solid surface materials (e.g. Corian™)
- Lacquered hard and soft wood
- Plastics

3M™ 375L

Mineral	Aluminium Oxide
Backing	Film
Coating	Load-resistant
Bond	Resin
Attachment	Hookit



Benefits

- Durable film construction provides tear resistant properties
- Flexible, smooth film backing conforms to contours and round edges
- Premium abrasive for versatile applications with load resistant coating for fast cut and long life

Applications

- Sanding, surface preparation and finishing for wood, metal, composites and painted substrates

Materials

- Wood
- Composites
- Metal
- Lacquer
- Paint



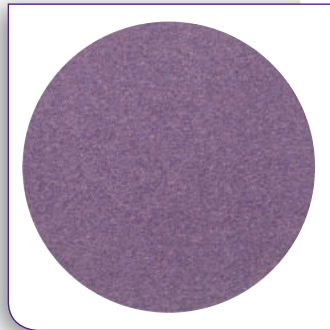
Hookit Discs

3M™ 775L

CUBITRON™ II

DISCS

Mineral Cubitron II
Backing Film
Coating Load resistant
Bond Resin
Features



Attachment Hookit

Benefits

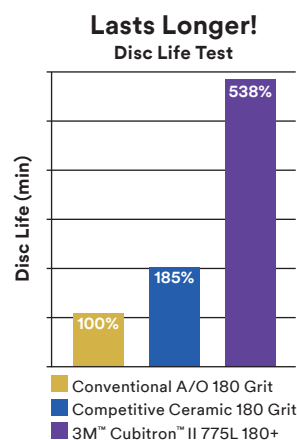
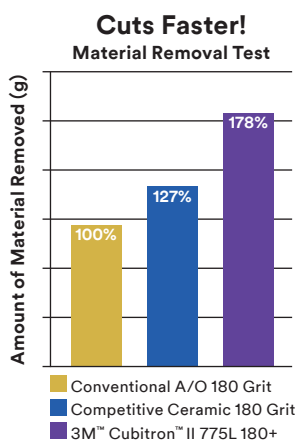
- Tough, durable mineral on a flexible backing for a fast cutting action
- Improved edge durability to reduce disc wear and edge tear giving longer life to the disc and back-up pad
- 21-Hole further extends the disc life

Applications

- For finish prep/repair, blending, finishing, orbital sanding, prepping metal prior to paint and general random orbital sanding applications

Materials

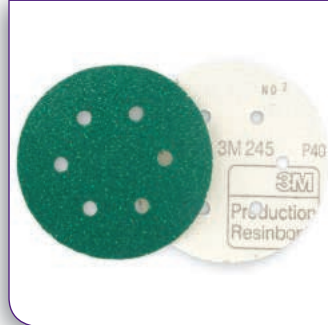
- Metals
- Wood
- Glass
- Composites
- Solid surfaces



SIZE mm	GRADE	MOS (RPM)	NR. OF HOLES
125	P80	12,000	no holes
125	P120	12,000	no holes
125	P150	12,000	no holes
125	P180	12,000	no holes
125	P220	12,000	no holes
125	P80	12,000	multihole
125	P120	12,000	multihole
125	P150	12,000	multihole
125	P180	12,000	multihole
125	P220	12,000	multihole
150	P80	12,000	no holes
150	P120	12,000	no holes
150	P150	12,000	no holes
150	P180	12,000	no holes
150	P220	12,000	no holes
150	P80	12,000	multihole
150	P120	12,000	multihole
150	P150	12,000	multihole
150	P180	12,000	multihole
150	P220	12,000	multihole

3M™ 245

Mineral	Aluminium oxide
Backing	E-weight paper
Coating	Open
Bond	Resin
Attachment	Hookit or Stikit



Benefits

- Stiff E-weight paper gives a strong backing and long product life
- Resin bond resists heat to prevent premature “burning”

Applications

- Initial and intermediate sanding on solid wood furniture, wood and metal door frames and other hard and soft wood, plastic and metal surfaces

Materials

- Metal
- Paints
- Fillers
- Wood
- Plastics

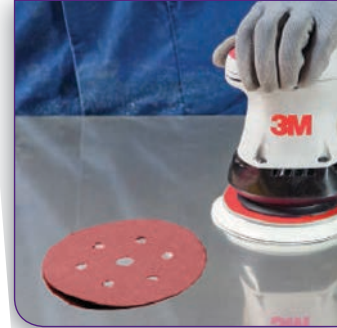
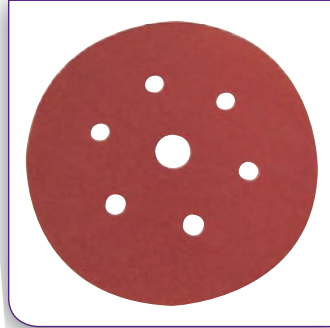


SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	PART NO. PLAIN	PART NO. HOLED
Stikit Discs						
150	P60	12,000	50	250	00995	00997
150	P80	12,000	100	500	00758	00761
150	P100	12,000	100	500	A00757	A00760
150	P120	12,000	100	500	00756	A00759
125	P40	12,000	50	250	A60222*	A00545
125	P60	12,000	50	250	A60223*	A00544*
125	P80	12,000	50	250	A60224*	A00543
125	P120	12,000	50	250	A60226*	A00541*
150	P40	12,000	50	250	A01649	A01691
150	P60	12,000	50	250	A01648	A01690
150	P80	12,000	50	250	A01647	A01689
150	P100	12,000	50	250	A01646	A01688
150	P120	12,000	50	250	A01645	A01687

Hookit Discs

3M™ 310U

Mineral	Aluminium oxide
Backing	C-weight paper
Coating	Semi-open
Bond	Resin
Features	Fre-Cut supersize
Attachment	Hookit



DISCS

Benefits

- Good performance and a consistent quality finish at an economical price. Range features coarse grades for stock removal through to fine grades for final finishing

Applications

- All general purpose sanding operations

Materials

- Metal, paints, plastics
- Solid surface materials (e.g. Corian™)
- Lacquered hard and soft wood

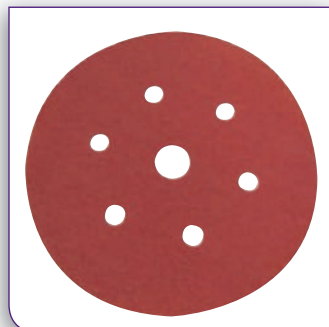


SIZE mm	GRADE	MOS (rpm)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO. PLAIN	PART NO. HOLED
150mm	P80	12,000	100	500	500	Plain	65412
150mm	P120	12,000	100	500	500	Plain	65413
150mm	P150	12,000	100	500	500	Plain	65414
150mm	P180	12,000	100	500	500	Plain	65415
150mm	P220	12,000	100	500	500	Plain	65416
150mm	P240	12,000	100	500	500	Plain	65417
150mm	P320	12,000	100	500	500	Plain	65418
150mm	P400	12,000	100	500	500	Plain	65419
150mm	P500	12,000	100	500	500	Plain	65420
150mm	P40	12,000	50	500	500	15 Hole	65421
150mm	P60	12,000	50	500	500	15 Hole	65422
150mm	P80	12,000	50	500	500	15 Hole	65423
150mm	P100	12,000	100	500	500	15 Hole	65424
150mm	P120	12,000	100	500	500	15 Hole	65425
150mm	P150	12,000	100	500	500	15 Hole	65426
150mm	P180	12,000	100	500	500	15 Hole	65427
150mm	P220	12,000	100	500	500	15 Hole	65428
150mm	P240	12,000	100	500	500	15 Hole	65429
150mm	P320	12,000	100	500	500	15 Hole	65430
150mm	P400	12,000	100	500	500	15 Hole	65431
150mm	P500	12,000	100	500	500	15 Hole	65432

3M™ 310U

DISCS

Mineral	Aluminium oxide
Backing	C-weight paper
Coating	Semi-open
Bond	Resin
Features	Fre-Cut supersize
Attachment	Stikit



ROLOC

BRISTLE

WHEELS

BELTS

HAND
SANDING

SHEETS

ROLLS

TOOLS

INDEX

Benefits

- Good performance and a consistent quality finish at an economical price. Range features coarse grades for stock removal through to fine grades for final finishing

Applications

- All general purpose sanding operations

Materials

- Metal
- Paints
- Solid surface materials (e.g. Corian™)
- Lacquered hard and soft wood
- Plastics



SIZE mm	GRADE	MOS (rpm)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO. PLAIN	PART NO. HOLED
150mm	P80	12,000	100	500	500	Plain	65718
150mm	P80	12,000	100	500	500	6 Hole	65720
150mm	P100	12,000	100	500	500	Plain	65724
150mm	P120	12,000	100	500	500	Plain	65725
150mm	P120	12,000	100	500	500	6 Hole	65727
150mm	P150	12,000	100	500	500	Plain	65728
38mm	P150	12,000	100	1000	4000	Plain	65730
150mm	P150	12,000	100	500	500	6 Hole	65731
150mm	P180	12,000	100	500	500	Plain	65732
150mm	P220	12,000	100	500	500	6 Hole	65733
150mm	P220	12,000	100	500	500	Plain	65736
150mm	P240	12,000	100	500	500	Plain	65738
125mm	P240	12,000	100	500	2000	5 Hole	65739
150mm	P240	12,000	100	500	500	6 Hole	65740
150mm	P320	12,000	100	500	500	Plain	65744
150mm	P320	12,000	100	500	500	6 Hole	65745
150mm	P400	12,000	100	500	500	Plain	65749
150mm	P400	12,000	100	500	2000	6 Hole	65750
125mm	P500	12,000	100	500	500	Plain	65751
150mm	P500	12,000	100	500	4000	6 Hole	65754

Finesse-It™ Microfinishing System

3M™ 266L / 268L

DISCS

Mineral	Aluminium oxide
Backing	3mil polyester film
Coating	Closed
Features	Fre-Cut anti loading coating
Attachment	Hookit



Benefits

- Fast cutting abrasive provides precise, consistent and close tolerance finishes
- Available in a range of precise micron grades to meet specific needs
- Recommended to be dry to take advantage of Fre-Cut anti loading coating

Applications

- Refine scratches and surface defects in preparation for final buffing of acrylic window frames and panes, GRP, solid surfaces

Materials

- Plastic
- Paint
- Aluminium
- Fibreglass
- Lacquers



266L

SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO. PLAIN	PART NO. HOLED
125mm	100 µ	12,000	25	100	100	00071	00083
125mm	60 µ	12,000	25	100	100	00069	00081
125mm	40 µ	12,000	25	100	100	00067	00079
125mm	30 µ	12,000	25	100	100	00066	00078
125mm	15 µ	12,000	25	100	100	00064	00076
125mm	9 µ	12,000	25	100	100	-	00075
150mm	100 µ	12,000	25	100	100	00044	00130
150mm	60 µ	12,000	25	100	100	00045	00131
150mm	40 µ	12,000	25	100	100	00047	00133
150mm	30 µ	12,000	25	100	100	00048	00134
150mm	15 µ	12,000	25	100	100	00050	00136
150mm	9 µ	12,000	25	100	100	00094	00138

268L

SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
PSA Discs						
127	100 µ	12,000	100	100	100	80205
127	80 µ	12,000	100	100	100	13914
127	60 µ	12,000	100	100	100	14975
127	40 µ	12,000	100	100	100	76974
127	30 µ	12,000	100	100	100	76975
127	15 µ	12,000	100	100	100	76977
127	9 µ	12,000	100	100	100	14972
Finesse-It™ Paint Spot Repair						
76.2 x 22.23 CWF	40µ	12,000	500	2000	2000	00122
76.2 x 22.23 CWF	30µ	12,000	500	2000	2000	00116
76.2 x 22.23 CWF	20µ	12,000	500	2000	2000	00121
76.2 x 22.23 CWF	15µ	12,000	500	2000	2000	00120
36.51 Scalloped	9µ	12,000	1000	1000	1000	13444
36.51 Scalloped	7µ	12,000	1000	1000	1000	128020

3M™ 237AA / 3M™ 268XA / 3M™ 568XA

Mineral 268XA Aluminium oxide
568XA Cerium oxide
237AA Aluminium oxide

Backing Film

Attachment PSA (Stikit™), Hookit



Benefits

- Precisely shaped pyramids of abrasive mineral wear away continuously exposing new abrasive to give a consistent repeatable finish
- Fewer processing steps required to achieve high gloss and effective surface levelling
- Optimum results when used wet

Applications

- Glass defect repair, Corian™ and acrylic solid surface finishing

Materials

- Glass
- Acrylic
- Solid surfaces
- Stainless Steel (237AA)



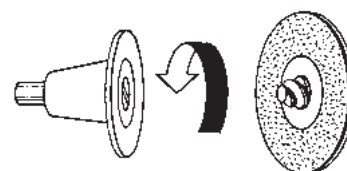
SIZE mm	PRODUCT	GRADE	COLOUR	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
Hookit II							
150mm	3M 268XA	A35	Green	100	100	100	250326
150mm	3M 268XA	A10	Blue	100	100	100	250325
150mm	3M 268XA	A5	Orange	100	100	100	250324
150mm	3M 568XA	Ungraded	White	100	100	100	269795
PSA							
127 x 15.9	3M 268XA	A35	Green	100	100	100	190229
127 x 15.9	3M 268XA	A10	Blue	100	100	100	190227
127 x 15.9	3M 268XA	A5	Orange	100	100	100	190228
127 x 15.9	3M 568XA	Ungraded	White	100	100	100	190225
152.4	3M 268XA	A35	Green	100	100	100	269800
152.4	3M 268XA	A10	Blue	100	100	100	269799
152.4	3M 268XA	A5	Orange	100	100	100	269798
237AA							
115mm	3M 237AA	A160	Grey	100	100	25	
115mm	3M 237AA	A100	Grey	100	100	25	
115mm	3M 237AA	A65	Grey	100	100	25	
115mm	3M 237AA	A45	Grey	100	100	25	
115mm	3M 237AA	A30	Grey	100	100	25	
115mm	3M 237AA	A16	Grey	100	100	25	
115mm	3M 237AA	A6	Grey	100	100	25	

3M Roloc

3M™ Roloc™ and Roloc+™ Quick Release System

3M Roloc Quick Release System

- 3M Roloc Discs are designed for use on the face of the disc
- Available in a range of products for grinding, finishing, deburring and cleaning applications
- The 3M Roloc Back-Up Pad assures secure fixing with rapid grade or product change
- Can be used with 3M Roloc Rubber Back-Up Pads or 3M Roloc Plastic Holders No. 1, 2, 3 or 4
- Colour coded fixings for easy grade recognition (please see below for details)



3M Roloc+ Quick Release System

- 3M Roloc+ Discs/Brushes are designed for use on the edge and have a longer shaft for extra strength
- Available in a range of products for finishing, deburring and cleaning applications
- The 3M Roloc Plastic Holder assures secure fixing with rapid grade or product change
- To be used with all 3M Roloc+ Plastic Holders (excluding Roloc Rubber Back-Up Pads)



3M Roloc Abrasive Disc Grade and Button Colour Chart

Grade	Button	Grade	Button	Grade	Button	Grade	Button
P24	Black	P50	Green	P100	Blue	P180	Brown
P36	Brown	P60	Orange	P120	White	P240	Green
P40	Red	P80	Yellow	P150	Black		



3M Air-Powered Disc Sander

Coated Abrasive Roloc Discs

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	60	50	40	36	24
984F DE	50	PCG	CL	R	Y																						
3M 777F	51	Cu	CL	R	Y	GA																					
3M 361F	52	AO	CL	R	XY																						
3M 947A		Cu II																									

Scotch-Brite Roloc Discs

MATERIAL	Page	Mineral	Co	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	Heavy Duty	Super Duty	XRCS	P180	P120	P80	P50
SC-DR	53	AO																	
GB-DR	54	Cu				GA													
RC-UR	55	PSG																	
XL-DR	56	AO	2																
			6																
			8																
		SC	2																
			6																
RD-ZB	58	CB																	

Scotch-Brite Roloc+ Flap Brushes, Wheels & Discs

MATERIAL	Page	Mineral	Density	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	Heavy Duty	Super Duty	XRCS	P180	P120	P80	P50
XT-ZR	59	SC	—	—	—	—													
CG-ZR	60	SC	—	—	—	—													
CB-ZR	61	AO	—	—	—	—													
PF-ZR	62	AO	—	—	—	—													
FF-ZR	63	AO	—	—	—	—													
		60	—	—	—	—													
MS-ZR	64	AO	—	—	—	—													
CP-UR	65	AO	5	—	—	—													
XL-UR	66	SC	2	—	—	—													

AO Aluminium Oxide

SC Silicon Carbide

Cu 3M™ Cubitron™ Abrasive Mineral

CB 3M™ Cubitron™ Abrasive blend

CL Closed Coat

R Resin Bond

F Fibre

Y Y-weight cloth

XY X/Y-weight cloth

GA Grinding Aid

- Mineral** Precision Shaped Grain
- Bond** Resin
- Backing** YF Weight Polyester Cloth
- Attachment** Roloc



DISCS

ROLOC

Benefits

- Power-packed with fast-cutting 3M precision shaped grain - a self-sharpening feature that keeps them running cool and long
- Featured durable edge backing for longer edge retention
- Felexible, durable cloth backing to stand up against aggressive grinding applications

Applications

- Grinding, weld and scale removal
- Edge Chamfering
- Removing surface imperfections

Materials

- Stainless steel
- High nickel alloys
- Superalloys
- Carbon steel



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
38	36+	30,000	50	200	200	27700
50	36+	25,000	50	200	200	27701
50	60+	25,000	50	200	200	27709
50	80+	25,000	50	200	200	27717
75	36+	20,000	50	200	200	27702
75	60+	20,000	50	200	200	27710
75	80+	20,000	50	200	200	27718

3M™ Roloc™ 777F

Mineral	3M™ Cubitron™ Abrasive Grain
Coating	Closed
Bond	Resin
Backing	Y-weight polyester cloth
Features	Grinding aid
Attachment	Roloc



Benefits

- Contains Cubitron mineral for long life and fast cut
- Grinding aid reduces heat build-up to give a cooler cut on heat sensitive metals
- Cloth backing provides more flexibility than fibre for better blending capabilities

Applications

- Grinding and finishing stainless steel weld seams, coils, sheet metal, containers

Materials

- Stainless steel
- Chrome-nickel alloys
- Nickel and cobalt alloys
- Steel alloys
- Titanium
- Aluminium



SIZE mm	USE WITH	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
25	Holder No. 1	P36	25,000	50	500	500	76622
25	Holder No. 1	P50	25,000	50	500	500	76623
25	Holder No. 1	P60	25,000	50	500	500	76624
25	Holder No. 1	P80	25,000	50	500	500	76625
38	Holder No. 2	P36	20,000	50	500	500	76626
38	Holder No. 2	P60	20,000	50	500	500	76628
50	Holder No. 3	P36	20,000	50	200	200	76629
50	Holder No. 3	P50	20,000	50	200	200	76630
50	Holder No. 3	P60	20,000	50	200	200	76433
50	Holder No. 3	P80	20,000	50	200	200	14661
50	Holder No. 3	P120	20,000	50	200	200	170935
75	Holder No. 4	P36	20,000	50	200	200	76631
75	Holder No. 4	P50	20,000	50	200	200	76632
75	Holder No. 4	P60	20,000	50	200	200	76633
75	Holder No. 4	P80	20,000	50	200	200	76634
75	Holder No. 4	P120	20,000	50	200	200	249846

Roloc Cloth Discs

3M™ Roloc™ 947A

Mineral	Precision shaped Grain
Coating	Closed
Bond	Resin
Backing	X- weight polyester cloth
Attachment	Roloc



DISCS

ROLOC

Benefits

- Loading resistant
- Longer lasting
- Faster cutting
- Quick-change capability

Applications

- Deburring, Blending, Cleaning, Finishing

Materials

- All metals



PRODUCT CODE	SIZE mm	GRADE	MAX. RPM	MOQ
947A	50	40+	25,000	200
947A	50	60+	25,000	200
947A	50	80+	25,000	200
947A	50	120+	25,000	200
947A	75	40+	20,000	200
947A	75	60+	20,000	200
947A	75	80+	20,000	200
947A	75	120+	20,000	200

CUBITRON™ II

3M™ Roloc™ Surface Conditioning Discs SC-DR

Mineral Aluminium oxide
Grades Super Duty,
 Heavy Duty,
 Coarse, Medium,
 Very Fine
Attachment Roloc



Benefits

- Scotch-Brite web enables simultaneous blending and finishing, reducing process time
- Features the 3M Roloc Quick Release System for quick and easy disc change

Applications

- Removing rust and cleaning flat metal parts; removing discolouration and residual sealants; surface preparation after weld seam removal, prior to coating or painting; reducing roughness after sanding; Super Duty grade can be used to remove small welds

Materials

- All metals



SIZE mm	USE WITH	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
25	Holder No 1	AVFN	Blue	30,000	200	200	200	15391
25	Holder No 1	AMED	Maroon	30,000	200	200	200	15392
25	Holder No 1	ACRS	Light Brown	30,000	200	200	200	15393
50 x 3	Holder No. 3	AVFN	Blue	23,000	50	200	200	05523
50 x 3	Holder No. 3	AMED	Maroon	23,000	50	200	200	05527
50 x 3	Holder No. 3	ACRS	Light Brown	23,000	50	200	200	05528
50 x 3	Holder No. 3	Heavy Duty	Dark Brown	23,000	50	200	200	33795
50 x 3	Holder No. 3	Super Duty	Black	23,000	50	200	200	33797
75 x 4	Holder No. 4	AVFN	Blue	18,000	25	100	100	05530
75 x 4	Holder No. 4	AMED	Maroon	18,000	25	100	100	05531
75 x 4	Holder No. 4	ACRS	Light Brown	18,000	25	100	100	05532
75 x 4	Holder No. 4	Heavy Duty	Dark Brown	18,000	25	100	100	33794
75 x 4	Holder No. 4	Super Duty	Black	18,000	25	100	100	33796

ROLOC

BRISTLE

WHEELS

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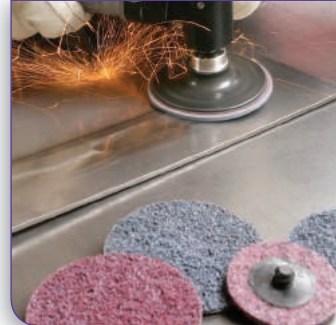
Roloc Cloth Discs

Scotch-Brite™ Light Grinding & Blending Roloc™ Discs GB-DR

DISCS

ROLOC

- Mineral** Cubitron™ Abrasive Grain
- Grades** Super-duty ACRS and Heavy-duty ACRS
- Backing** Hook and Loop
- Attachment** Roloc™



Benefits

- Contains Cubitron™ ceramic grain for long disc life and fast cut rate to increase productivity with fewer abrasive steps required to complete the job
- Can grind and blend in a single step
- Fits with current attachment system so no need for multiple tools and back up pads

Applications

- Light grinding and blending applications providing a Scotch-Brite™ burr-free finish
- Small weld removal with Superduty
- Removing discolouration and residual sealants, surface preparation prior to coating/ painting.

Materials

- All metals

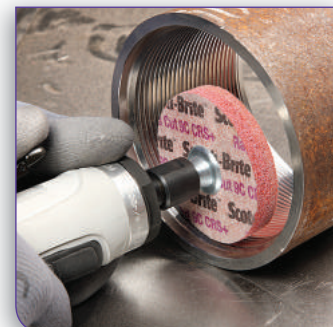


SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
50	Super Duty - ACRS	20000	200	200	200	60354
50	Heavy Duty - ACRS	20000	200	200	200	60355
75	Super Duty - ACRS	15000	100	100	100	60356
75	Heavy Duty - ACRS	15000	100	100	100	60357

Construction Unitised

Grades CRS+ and XCS+

Attachment Roloc™



Benefits

- Conventional abrasive particles have been replaced by Precision-shaped Grain. As these uniform, microreplicated structures wear, they fracture to form sharp points and edges. The result is a wheel that stays consistently **sharp longer**, and cuts up to **3X faster** than the next-best competitive wheel.
- Smooth feel and control you expect from Scotch-Brite abrasives.
- Easier to use for operators and increased productivity!

Applications

- Weld blending
- Inter dimension and outer dimension blending
- Heavy deburring of pipe threads and turbines

Materials

- All metals

Scotch-Brite Rapid Cut Wheels can do the work that used to require several specialty abrasives. This allows you to consolidate your toolset down to one, easy-to-use wheel.



SIZE mm	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
50	CRS+	22,100	60	60	60	66759
50	XCS+	22,100	60	60	60	637051
75	CRS+	15,100	40	40	40	64859
75	XCS+	15,100	40	40	40	66760

Roloc Unitised Discs

3M™ Roloc™ EXL Unitised Disc XL-DR

- Mineral** Aluminium oxide;
Silicon carbide
- Grades** Aluminium oxide:
Medium, Coarse
Silicon carbide: Fine
- Attachment** Roloc



DISCS

ROLOC

Benefits

- Compressed, non-woven fibre construction gives a uniform grain distribution which will produce consistent results
- EXL material is extremely tough with an aggressive cutting action, for effective deburring of edges and corners without damaging the part
- Features the 3M Roloc Quick Release System for quick and easy disc change

Applications

- Deburring a range of metal parts

Materials

- All metals



SIZE mm	USE WITH	GRADE	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
50 x 6	Holder No. 1 or 3	2SFIN	22,100	15	60	60	17183
50 x 6	Holder No. 1 or 3	2AMED	22,100	15	60	60	17185
50 x 6	Holder No. 1 or 3	6AMED	22,100	15	60	60	17190
50 x 6	Holder No. 1 or 3	8AMED	22,100	15	60	60	17192
50 x 6	Holder No. 1 or 3	8ACRS	22,100	15	60	60	17194
75 x 6	Holder No. 1 or 4	2SFIN	15,100	10	40	40	17184
75 x 6	Holder No. 1 or 4	2AMED	15,100	10	40	40	17186
75 x 6	Holder No. 1 or 4	6SFIN	15,100	10	40	40	17189
75 x 6	Holder No. 1 or 4	6AMED	15,100	10	40	40	17191
75 x 6	Holder No. 1 or 4	8AMED	15,100	10	40	40	17193
75 x 6	Holder No. 1 or 4	8ACRS	15,100	10	40	40	17195

3M™ Roloc™ Bristle Disc RD-ZB

DISCS

ROLOC

Mineral Cubitron™ blend

Construction Single moulded one-piece construction with built-in Roloc quick release attachment

Attachment Roloc



Benefits

- Safe to use with minimal vibration and noise
- No loading combined with better surface conditioning
- Consistency in work, can be used until complete wear of the material
- Roloc Quick Release attachment system enables quick and easy disc change
- Can be run on a wide variety of angle grinders
- More efficient and safer to use than traditional wire brush products

Applications

- Thick coating removal (paint, rust, adhesive, glue, rubber, etc.), oxide removal, surface contaminants, cleaning and weld discolouration

Materials

- Carbon and stainless steel, non-ferrous materials (copper alloys, aluminium alloys, etc.) and synthetic materials



SIZE mm	USE WITH	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
50	Roloc Rubber Back-Up Pad	P50	Green	25,000	10	40	40	07524
50	Roloc Rubber Back-Up Pad	P80	Yellow	25,000	10	40	40	07525
50	Roloc Rubber Back-Up Pad	P120	White	25,000	10	40	40	07528
75	Roloc Rubber Back-Up Pad	P50	Green	18,000	10	40	40	07526
75	Roloc Rubber Back-Up Pad	P80	Yellow	18,000	40	40	40	07527
75	Roloc Rubber Back-Up Pad	P120	White	18,000	40	40	40	07529

3M™ Roloc+™ Clean & Strip XT Purple Disc XT-ZR / CG-ZR

Mineral Silicon carbide
Grades Extra coarse
Attachment Roloc+



Benefits

- Reinforced Scotch-Brite™ Clean & Strip XT material is aggressive and coarse-grained, resisting loading and heat build-up
- High edge resistance improves operator safety
- Long product life during rough cleaning operations reduces downtime and generates cost savings

Applications

- Cleaning weld seams and removing discolouration; removal of rust, paint, scale, corrosion, coatings and sealants

Materials

- Metal
- Corrosion
- Coatings



XT-ZR

SIZE mm	USE WITH	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 13	Holder No. 1	XCRS	Purple	8,000	10	10	10	05814
125 x 13	Holder No. 1	XCRS	Purple	7,000	8	8	8	05815

CG-ZR

SIZE mm	USE WITH	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
100 x 13	Holder No. 1	XCRS	Blue	8,000	10	10	10	57018
150 x 13	Holder No. 1	XCRS	Blue	6,000	10	10	10	57019

ROLOC

BRISTLE

WHEELS

BELTS

HAND
SANDING

SHEETS

ROLLS

TOOLS

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3M™ Roloc+™ Combi Flap Brush CB-ZR / PF-ZR / MS-ZR

- Mineral** Aluminium oxide
- Construction** Alternate flaps of Scotch-Brite™ Web and X-weight coated cloth
- Attachment** Roloc+



Benefits

- Combination of Scotch-Brite Clean & Finish material and coated abrasive gives greater scratch depth, removes defects and reduces scratch roughness in one step
- Integrated shaft means brush is ready to use, saving downtime and process costs
- Produces a finer finish than a coated abrasive flap wheel

Applications

- Blending scratches on stainless steel; fine finishing aluminium prior to anodizing

Materials

- All metals



CB-ZR

SIZE	USE WITH	GRADE	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
63 x 32	Holder No. 1	P80	9,000	10	10	10	09717
63 x 32	Holder No. 1	P120	9,000	10	10	10	09720
63 x 32	Holder No. 1	P180	9,000	10	10	10	09723

PF-ZR

SIZE mm	USE WITH	GRADE	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
50 x 25	Holder No. 1	AMED	12,000	25	25	25	09700
63 x 32	Holder No. 1	AMED	9,000	10	10	10	09701
75 x 35	Holder No. 1	AMED	8,000	10	10	10	09702

MS-ZR

SIZE mm	USE WITH	GRADE	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
75 x 35	Holder No. 1	Type T	7,500	10	10	10	09892

ROLOC

BRISTLE

WHEELS

BELTS

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3M™ Roloc+™ Clean & Finish Flap Brush FF-ZR

Mineral	Aluminium oxide
Construction	Flaps of Scotch-Brite™ Web bonded to a central core
Grades	Very fine, fine, course
Attachment	Roloc+



Benefits

- Brushes are impregnated with abrasive mineral to give uniform cut and finish throughout product life
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks
- Softer, less aggressive construction than PF-ZR, for finer blending and finishing
- Roloc Quick Release System enables quick and easy disc change

Applications

- Cleaning and light deburring of various substrates; satin finish on metals; smoothing wood prior to varnishing; primer denibbing before final coat; applications involving larger components where the machine is taken to the part

Materials

- Wood
- Metal
- Lacquers



SIZE mm	USE WITH	GRADE	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
50 x 25	Holder No. 1	AVFN	12,000	25	25	25	09704
50 x 25	Holder No. 1	SFIN	12,000	25	25	25	09707
63 x 32	Holder No. 1	AVFN	9,000	10	10	10	09705
63 x 32	Holder No. 1	SFIN	9,000	10	10	10	09708
75 x 35	Holder No. 1	AVFN	7,500	10	10	10	09706
75 x 35	Holder No. 1	SFIN	7,500	10	10	10	09709
75 x 35	Holder No. 1	ACRS	7,500	10	10	10	09703

ROLOC

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3M™ Roloc+™ Cut & Polish Unitised Wheel CP-UR / XL-UR

CP-UR

Mineral Aluminium oxide
Construction Unitised
Grades Fine
Attachment Roloc+



XL-UR

Mineral Silicon carbide
Construction Unitised
Grades Fine
Attachment Roloc+

Benefits

- An aggressive product capable of removing surface imperfection and handling marks
- Compressed, non-woven fibre construction gives uniform grain distribution which will produce consistent results
- Roloc Quick Release System enables fast and easy wheel change

Applications

- Deburring a range of metal parts

Materials

- All metals



CP-UR

SIZE mm	USE WITH	GRADE	MOS (RPM)	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	PART NO.
50 x 3 x 10	Holder No. 6	5AFIN	20,000	10	40	40	09739
50 x 6 x 10	Holder No. 7	5AFIN	20,000	10	40	40	09742
75 x 3 x 10	Holder No. 6	5AFIN	15,000	10	40	40	09740
75 x 6 x 10	Holder No. 7	5AFIN	15,000	10	40	40	09743

XL-UR

SIZE mm	USE WITH	GRADE	MOS (RPM)	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	PART NO.
50 x 6 x 10	Holder No. 7	2SFN	16,000	60	60	60	09838
75 x 6 x 10	Holder No. 7	2SFN	12,000	40	40	40	09840

ROLOC

BRISTLE

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3M™ Roloc™ Accessories



3M Roloc
Plastic Holder No. 0



3M Roloc
Plastic Holder No. 1



3M Roloc
Plastic Holder No. 2



3M Roloc
Plastic Holder No. 3



3M Roloc
Plastic Holder No. 4



3M Roloc
Plastic Holder No. 5



3M Roloc
Plastic Holder No. 6



3M Roloc
Plastic Holder No. 7



3M Roloc
Back-Up Pad

ROLOC

BRISTLE

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3M™ Roloc™ Accessories

DISCS

ROLOC

3M ROLOC RUBBER BACK-UP PADS		
PRODUCT	ANGLE GRINDER MACHINE*	ALL OTHER MACHINES**
25mm discs		X
38mm discs		X
50mm discs		X
75mm discs	X	X
Roloc Bristle Discs		X

*M14/M10 threads ** 6mm thread (use with 6mm threaded shaft where required for collets)

3M ROLOC AND ROLOC+ PLASTIC HOLDERS								
PRODUCT	NO 1	NO 2	NO 3	NO 4	NO 5 ^	No 6 ^^	No 7	No 8
25mm discs	X							
38mm discs		X						
50mm discs			X					
75mm discs				X				
All brush products	X							
3mm wide wheels					X	X		
6mm wide wheels							X	
12.5mm wide wheels								X

^Use with 25 and 38mm diameter wheels ^^Use with 50 and 75mm diameter wheels

DESCRIPTION	SIZE mm	DENSITY	MOS (RPM)	UNITS PER INNER	UNITS PER OUTER	MOQ (units)	PART NO.
Roloc Rubber Back-Up Pad*	25 x 1/4" -20 thread	Medium	-	5	5	5	45101
Roloc Rubber Back-Up Pad*	38 x 1/4" -20 thread	Medium	-	5	5	5	45099
Roloc Rubber Back-Up Pad*	38 x 1/4" -20 thread	Hard	-	5	5	5	45100
Roloc Rubber Back-Up Pad*	50 x 1/4" -20 thread	Medium	-	5	5	5	45095
Roloc Rubber Back-Up Pad*	50 x 1/4" -20 thread	Hard	-	5	5	5	A45096
Roloc Rubber Back-Up Pad*	75 x 1/4" -20 thread	Medium	-	5	5	5	45092
Roloc Rubber Back-Up Pad*	75 x 1/4" -20 thread	Hard	-	5	5	5	45091
Threaded Shaft (for use with*)	6mm	-	-	10	10	10	82455
Roloc Rubber Back-Up Pad	75 x M14-2.0	Extra Hard	20,000	5	5	5	84993
Roloc Rubber Back-Up Pad	75 x M14-2.0	Hard	20,000	5	5	5	84998
Roloc Rubber Back-Up Pad	75 x M14-2.0	Medium	18,000	5	5	5	84999
Roloc Rubber Back-Up Pad	75 x M14-2.0	Soft	15,000	5	5	5	84994
Roloc Rubber Back-Up Pad	75 x M10-1.5	Hard	20,000	5	5	5	85000
Roloc Rubber Back-Up Pad	75 x M10-1.5	Medium	18,000	5	5	5	85001
Roloc Plastic Holder No. 0	6 x 13	-	-	5	5	5	09893
Roloc Plastic Holder No. 1	6 x 25	-	-	5	5	5	09884
Roloc Plastic Holder No. 2	6 x 38	-	-	5	5	5	09986
Roloc Plastic Holder No. 3	6 x 50	-	-	5	5	5	09987
Roloc Plastic Holder No. 4	6 x 75	-	-	5	5	5	09988
Roloc Plastic Holder No. 5	6 x 13	-	-	5	5	5	09989
Roloc Plastic Holder No. 6	6 x 25	-	-	5	5	5	09990
Roloc Plastic Holder No. 7	6 x 25	-	-	5	5	5	09991
Roloc Plastic Holder No. 8	6 x 25	-	-	5	5	5	09992

Bristle



C Curved, thinner bristles for greater conformability than Type A and Type S



A Thicker angled bristles for greater aggression but less conformability than Type C



S Thick, straight bristles for greater aggression but less conformability than Type A

MATERIAL	Page	Type	Mineral	Bond	Backing	Features	1 mic	6 mic	Pumice	400	220	120	80	50	36
RB-ZB	72	C	CB	—	—	—									
	72	A	CB	—	—	—									
BB-ZS	73	C	CB	—	—	—									
	74	C	CB	—	—	—									
BB-ZB	74	A	CB	—	—	—									
	74	S	CB	—	—	—									
	75	—	CB	—	—	—									

C	Curved bristles
A	Angled bristles
S	Straight bristles
CB	3M™ Cubitron™ Abrasive blend

Radial Bristle Brushes

Scotch-Brite™ Radial Bristle RB-ZB / BB-ZS

DISCS

ROLOC

BRISTLE

Mineral

Cubitron™ blend

Construction

RB-ZB - Individual moulded discs impregnated with abrasive, that can be grouped together to form a brush;

BB-ZS Shaft mounted discs impregnated with abrasive

Benefits

- Works well on irregular surfaces or detailed features
- Increased safety when converting from wire brushes
- Shaft mounted to provide easy use and quick change.



Applications

- Cleaning, finishing, deburring of various parts where extreme conformability is required (machined parts, turbine blades, threads, engine parts etc.).
- Wood defuzzing and graining;
- weld discolouration removal (stainless steel)

Materials

- Metal
- Wood
- Plastics and composite materials



RB-ZB

SIZE mm	TYPE	GRADE	COLOUR	MOS (RPM)	UNITS PER INNER	UNITS PER OUTER	MOQ (units)	PART NO.
14	C	P120	White	35,000	192	192	192	27614
14	C	P220	Red	35,000	192	192	192	27615
14	C	P400	Blue	35,000	192	192	192	27616
19	C	P80	Yellow	35,000	192	192	192	25755
19	C	P220	Red	35,000	192	192	192	25757
19	C	P400	Blue	35,000	192	192	192	25758
19	C	Pumice	Pink	35,000	192	192	192	25759
19	C	6 micron	Peach	35,000	192	192	192	30001
19	C	1 micron	Lt Green	35,000	192	192	192	30002
25	C	P36	Brown	35,000	96	96	96	27610
25	C	P50	Green	35,000	96	96	96	27611
25	C	P80	Yellow	35,000	96	96	96	27612
25	C	P120	White	35,000	96	96	96	27613
50	C	P80	Yellow	30,000	40	80	80	30118
50	C	P120	White	30,000	40	80	80	30120
50	C	P220	Red	30,000	40	80	80	30121
50	C	P400	Blue	30,000	40	80	80	30122
50	C	6 micron	Peach	30,000	40	80	80	30124
50	C	1 micron	Lt Green	30,000	40	80	80	30125
75	A	P50	Green	25,000	40	40	40	24279
75	A	P80	Yellow	25,000	40	40	40	24280
75	C	P80	Yellow	20,000	40	80	80	30126
75	C	P120	White	20,000	40	80	80	30127
75	C	P220	Red	20,000	40	80	80	30128
75	C	P400	Blue	20,000	40	80	80	30129
75	C	6 micron	Peach	20,000	40	80	80	30131

BB-ZS

Size	Type	Grade	Colour	MOS	MOQ	Part Number
50mm	C	P80	Yellow	10,000	6	62965
50mm	C	P120	White	10,000	6	62966
50mm	C	P220	Red	10,000	6	62967
75mm	C	P80	Yellow	10,000	6	62968
75mm	C	P120	White	10,000	6	62969
75mm	C	P220	Red	10,000	6	62970

*use with 990M Mandrel for 50mm and 75mm RB-ZB

Radial Bristle Brushes

Scotch-Brite™ Radial Bristle BB-ZB

- Mineral** Cubitron™ blend
- Construction** BB-ZB Discs are pre assembled to form a brush:
150mm - 7 discs
200mm - 14 discs



Benefits

- Works well on irregular surfaces or detailed features
- Increased safety when converting from wire brushes

Applications

- General surface cleaning (paint, rust, sealer, adhesive, tapes) in every industry; weld discolouration removal (stainless steel); cleaning of complicated shapes; light deburring of metallic machined parts

Materials

- Metal
- Wood
- Plastics and composite materials.



DISCS

ROLOC

BRISTLE

SIZE mm	TYPE	GRADE	COLOUR	MOS (RPM)	UNITS PER INNER	UNITS PER OUTER	MOQ (units)	PART NO.
150	A	P36	Brown	6,000	1	5	5	27603
150	A	P50	Green	6,000	1	5	5	27605
150	A	P80	Yellow	6,000	1	5	5	27606
150	C	P80	Yellow	6,000	5	5	5	33215
150	C	P120	White	6,000	5	5	5	33212
150	C	P220	Red	6,000	5	5	5	33213
150	C	P400	Blue	6,000	5	5	5	33214
200	C	P80	Yellow	6,000	1	2	2	33129
200	C	P120	White	6,000	1	2	2	33130
200	C	P220	Red	6,000	1	2	2	33084
200	C	P400	Blue	6,000	1	2	2	33085
200	S	P50	Green	6,000	1	2	2	33081
200	S	P80	Yellow	6,000	1	2	2	33082

Accessories and Refill Packs

DESCRIPTION	SIZE	CODE	GRADE	COLOUR	UNITS PER INNER	UNITS PER OUTER	MOQ (units)	PART NO.
990-M Mandrel	6mm				1	5	5	325310
Radial Bristle Brush Refill Pack Type C	150mm	BB-ZB	P80	Yellow	40	40	80	33055
Radial Bristle Brush Refill Pack Type C	150mm	BB-ZB	P120	White	40	40	80	33056
Radial Bristle Brush Refill Pack Type C	150mm	BB-ZB	P400	Blue	40	40	80	33058

Scotch-Brite™ Bristle Disc - BD-ZB

- Mineral** Cubitron™ blend
- Construction** Single moulded one-piece construction with built-in female thread for direct mounting onto an angle grinder



Benefits

- Safe to use with minimal vibration and noise
- No loading combined with better surface conditioning
- Consistency in work, can be used until complete wear of the material
- Easy and quick to change
- Can be run on a wide variety of angle grinders
- More efficient and safer to use than traditional wire brush products

Applications

- Thick coating removal (paint, rust, adhesive, glue, rubber, etc.), oxide removal, surface contaminants, cleaning and weld discolouration

Materials

- Carbon and stainless steel, non-ferrous materials (copper alloys, aluminium alloys, etc.) and synthetic materials



SIZE mm	GRADE	COLOUR	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
115 x M14	P50	Green	12,000	5	10	10	24241
115 x M14	P80	Yellow	12,000	5	10	10	24242
115 x M14	P120	White	12,000	5	10	10	24243

Wheels

Scotch-Brite™ Deburring & Finishing Wheels

MATERIAL	Page	Mineral	Density	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	XCRS	P60
X3-WL	80	SC	9	—	—	—								
DB-WL	81	SC	7	—	—	—								
			8	—	—	—								
			9	—	—	—								
FS-WL	82	AO	5	—	—	—								
			8	—	—	—								
		SC	2	—	—	—								
			6	—	—	—								
XR-WM	83	AO	—	—	—	—								

Scotch-Brite™ Unitised Wheels

MATERIAL	Page	Mineral	Density	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	XCRS	P60	P80	P120	P180	P240
RC-UW	84	PSG	—	R	—	—												
XL-UW	85	AO	2	—	—	—												
			6	—	—	—												
			8	—	—	—												
		SC	2	—	—	—												
XL-UW Mini Bob	86	AO	6	—	—	—												
			8	—	—	—												
		SC	2	—	—	—												
CS-UW	87	SC	—	—	—	—												
CP-UW	88	AO	5	—	—	—												

Scotch-Brite Flap Brushes & Flap Wheels

MATERIAL	Page	Mineral	Density	Bond	Backing	Features	Type T	ULFN	VFN	FIN	MED	CRS	XCRS	P40	P60	P80	P120	P150	P180	P240	P320
3M 339	89	AO	—	R	X	—															
3M 747D	91	C	—	R	X	GA															
CP-FB	92	AO	5	—	—	—															
			7	—	—	—															
CF-FB	93	AO	5	—	—	—															
			7	—	—	—															
CB-ZS	94	AO	—	—	—	—															
FF-ZS	95	AO	—	—	—	—															
		SC	—	—	—	—															
PF-ZS	95	AO	—	—	—	—															
CS-MB	96	AO	—	—	—	—															
CP-MB	96	AO	—	—	—	—															
CF-MB	96	AO	—	—	—	—															
		SC	—	—	—	—															

C	3M™ Cubitron™ Abrasive Mineral	AO	Aluminium Oxide	SC	Silicon Carbide
R	Resin Bond	X	X-weight Cloth	GA	Grinding Aid

See Scotch-Brite Technical Information for further details

Deburring Wheels

Scotch-Brite™ EX3 Deburring Wheel X3-WL

DISCS

ROLOC

BRISTLE

WHEELS

Mineral Silicon carbide
Construction Convolutely wound
Grades Fine



Benefits

- Harder wheel which offers considerably longer life and improved performance over the standard EXL Deburring Wheel
- An excellent product for applications where product value can accurately be measured

Applications

- Deburring drive/ piston rods prior to chroming; deburring turbine blades, flat punched parts, thread guides and machine parts, gear wheels, pressure-moulded and die-cast parts, auto parts, mould and casting seams

Materials

- Harder metals



SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	USE WITH	PART NO.
150 x 12 x 25.4	9SFN	D Grey	6,000	4	4	4	FL-AC Flange Page 87	30214
150 x 25 x 25.4	9SFN	D Grey	6,000	3	3	3		30213
200 x 13 x 76.2	9SFN	D Grey	4,500	4	4	4		30212
203 x 25 x 76.2	9SFN	D Grey	4,500	3	3	3		24579
203 x 50.8 x 76.2	9SFN	D Grey	4,500	2	2	2		93039

Scotch-Brite™ EXL Deburring Wheel DB-WL

Mineral Silicon carbide
Construction Convolutely wound
Grades Fine, Medium



Benefits

- Available in three different grades to cope with a range of deburring applications
- Continuously exposes abrasive to the workpiece to produce a consistent finish throughout the life of the product
- Will not undercut, gouge, generate flats or distort the workpiece

Applications

- Deburring drive/ piston rods prior to chroming; deburring turbine blades, flat punched parts, thread guides and machine parts, gear wheels, pressure-moulded and die-cast parts, auto parts, mould and casting seams

Materials

- All metals



SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	USE WITH	PART NO.
152 x 25.4 x 25.4	9SFN	D Grey	6,000	3	3	3	FL-AC Flange Page 98	18762
152 x 25.4 x 25.4	8SMED	D Grey	6,000	3	3	3		18761
152 x 25.4 x 25.4	7SFN	L Grey	6,000	3	3	3		18768
203 x 25.4 x 76.2	9SFN	D Grey	4,500	3	3	3		18764
203 x 25.4 x 76.2	8SMED	D Grey	4,500	3	3	3		18763
203 x 25.4 x 76.2	7SFN	L Grey	4,500	3	3	3		18769
203 x 50.8 x 76.2	9SFN	D Grey	4,500	2	2	2		18767
203 x 50.8 x 76.2	8SMED	D Grey	4,500	2	2	2		18766
203 x 50.8 x 76.2	7SFN	L Grey	4,500	2	2	2		18771

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Finishing Wheels

Scotch-Brite™ Finishing Wheel FS-WL

DISCS

ROLOC

BRISTLE

WHEELS

- Mineral** Aluminium oxide / Silicon carbide
- Construction** Convolutely wound
- Grades** Fine, Medium, Coarse



Benefits

- Consistent results throughout product life
- Will not change the geometry of the workpiece
- Produces uniform surface finishes without chatter marks, especially on stainless steel

Applications

- Use to achieve a striking, unique finish on stainless steel and other metals

Materials

- All metals



SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	PART NO.
152 x 25.4 x 25.4	2SCRS	Black	6,000	3	3	3	18756
152 x 25.4 x 25.4	2SMED	Grey	6,000	3	3	3	18757
152 x 25.4 x 25.4	5ACRS	Red	6,000	3	3	3	93363
152 x 25.4 x 25.4	5AMED	Red	6,000	3	3	3	93367
152 x 25.4 x 25.4	6SFN	L Grey	6,000	3	3	3	18772
152 x 25.4 x 25.4	8AMED	Red	6,000	3	3	3	18760
152 x 50.8 x 25.4	2SCRS	Black	6,000	2	2	2	30208
152 x 50.8 x 25.4	2SMED	Grey	6,000	2	2	2	30209
203 x 50.8 x 76.2	2SCRS	Black	4,500	2	2	2	18758
203 x 50.8 x 76.2	2SMED	Grey	4,500	2	2	2	18759
203 x 50.8 x 76.2	5ACRS	Red	4,500	2	2	2	93366
203 x 50.8 x 76.2	5AMED	Red	4,500	2	2	2	93370
203 x 50.8 x 76.2	6SFN	L Grey	4,500	2	2	2	18770
203 x 50.8 x 76.2	8AMED	Red	4,500	2	2	2	18765

Scotch-Brite™ Moulded Wheel XR-WM (DLO Wheel)

Mineral	Aluminium oxide
Construction	Resin moulded
Grades	P80, P120, P240



Benefits

- Advanced moulded resin and abrasive wheel continuously exposes abrasive to the workpiece to achieve consistent results throughout product life
- Better edge retention and smoother running than rubber bonded or non-woven wheels, meaning less need to dress to shape, better access into corners and reduced operator fatigue
- Combines small defect removal with a fine finish, reducing process steps

Applications

- Small defect removal; heavy deburring

Materials

- Mild steel
- Stainless steel
- Titanium
- Nickel alloys
- Cobalt-chrome
- Aluminium
- Brass



SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	PART NO.
152 x 13 x 25.4	HA120	Tan	3,000	2	2	2	62041
203 x 13 x 76.2	HA120	Tan	3,000	2	2	2	62043
152 x 13 x 25.4	HA080	Tan	3,000	2	2	2	60622
152 x 13 x 25.4	HA240	Tan	3,000	2	2	2	62045
152 x 25.4 x 25.4	HA080	Tan	3,000	1	1	1	60623
152 x 25.4 x 25.4	HA120	Tan	3,000	1	1	1	62042
152 x 25.4 x 25.4	HA240	Tan	3,000	1	1	1	62046
203 x 13 x 76.2	HA080	Tan	3,000	2	2	2	60624
203 x 13 x 76.2	HA240	Tan	3,000	2	2	2	62067
203 x 25.4 x 76.2	HA080	Tan	3,000	1	1	1	60625
203 x 25.4 x 76.2	HA120	Tan	3,000	1	1	1	62044
203 x 25.4 x 76.2	HA240	Tan	3,000	1	1	1	62048
305 x 25.4 x 127	HA120	Tan	3,000	1	1	1	33070
305 x 25.4 x 127	HA240	Tan	3,000	1	1	1	33075

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Unitised Wheels

Scotch-Brite™ Rapid Cut Unitised Wheels RC-UW

DISCS

ROLOC

BRISTLE

WHEELS

Mineral Precision Shaped Grain

Construction Unitised

Grades CRS+ and XCS+



Benefits

- Conventional abrasive particles have been replaced by Precision-shaped Grain. As these uniform, microreplicated structures wear, they fracture to form sharp points and edges. The result is a wheel that stays consistently **sharp longer**, and cuts up to **3X faster** than the next-best competitive wheel.
- Smooth feel and control you expect from Scotch-Brite abrasives.
- Easier to use for operators and increased productivity!

Applications

- Weld blending
- Inter dimension and outer dimension blending
- Heavy deburring of pipe threads and turbines

Materials

- All metals

Scotch-Brite Rapid Cut Wheels can do the work that used to require several specialty abrasives. This allows you to consolidate your toolset down to one, easy-to-use wheel.



SIZE mm	GRADE	DENSITY	MOS (RPM)	DISCS PER INNER	DISCS PER OUTER	MOQ (discs)	PART NO.
25 x 25 x 4.8	CRS+	7	35,100	50	50	50	66699
25 x 25 x 4.8	XCS+	7	35,100	50	50	50	66725
50 x 6.35 x 6.35	CRS+	7	22,100	60	60	60	66700
50 x 6.35 x 6.35	XCS+	7	22,100	60	60	60	66726
50 x 6.35 x 6.35	CRS+	9	22,100	60	60	60	66711
50 x 6.35 x 6.35	XCS+	9	22,100	60	60	60	66737
50 x 3.17 x 3.17	CRS+	7	22,100	60	60	60	66718
50 x 3.17 x 3.17	XCS+	7	22,100	60	60	60	66744
75 x 3.175 x 6.35	CRS+	7	18,100	60	60	60	633999
75 x 6.35 x 9.52	CRS+	9	18,100	40	40	40	66722
75 x 6.35 x 9.52	XCS+	9	18,100	40	40	40	66748
152 x 3.17 x 12.7	CRS+	7	7,500	8	8	8	66710
152 x 3.17 x 12.7	XCS+	7	7,500	8	8	8	66736
152 x 6.35 x 12.7	CRS+	7	7,500	8	8	8	66701
152 x 6.35 x 12.7	XCS+	7	7,500	8	8	8	66727
152 x 6.35 x 15.87	CRS+	7	7,500	8	8	8	66705
152 x 6.35 x 15.87	XCS+	7	7,500	8	8	8	66731
152 x 12.7 x 12.7	CRS+	7	7,500	4	4	4	66713
152 x 12.7 x 12.7	XCS+	7	7,500	4	4	4	66739
203 x 25 x 25	CRS+	7	5,500	2	2	2	66720
203 x 25 x 25	XCS+	7	5,500	2	2	2	66746

Scotch-Brite™ EXL Unitised Wheel XL-UW / XL-UW Mini Bob

Mineral	Aluminium oxide / Silicon carbide
Construction	Unitised
Grades	Fine, Medium, Course



Benefits

- Compressed, non-woven fibre construction gives uniform grain distribution which will produce consistent results
- EXL material is extremely tough with an aggressive cutting action, for effective deburring of edges and corners without damaging the part

Applications

- Deburring a range of metal parts

Materials

- All metals



XL-UW

SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	Use with	PART NO.
38 x 3 x 4.8	6AMED	Tan/Red	30,100	80	80	160	For 6.35mm centres use with 933 Mandrel. For 12.7mm centres use with 900-6 Mandrel for widths of 12.7mm or less and 900-8 for widths of 25.4mm	15515
38 x 3 x 4.8	8ACRS	Tan/Red	30,100	80	80	80		15514
51 x 6 x 6.35	2SFIN	Grey/Purple	16,000	60	60	60		09831
51 x 12 x 6.35	2SFIN	Grey/Purple	16,000	30	30	30		13715
76 x 6 x 6.35	2SFIN	Grey/Purple	12,000	40	40	40		13716
76 x 12 x 6.35	2SFIN	Grey/Purple	10,000	20	20	20		13717
76 x 25 x 6.35	2SFIN	Grey/Purple	5,000	10	10	10		09842
152 x 6 x 12.7	2SFIN	Grey/Purple	5,000	8	8	8		09835
152 x 12 x 12.7	2SFIN	Grey/Purple	5,000	4	4	4		13719
152 x 25 x 12.7	2SFIN	Grey/Purple	5,000	2	2	2		13742
203 x 6 x 12.7	2SFIN	Grey/Purple	4,000	8	8	8		15827
203 x 25 x 12.7	2SFIN	Grey/Purple	4,000	2	2	2		30382
51 x 6 x 6.35	2AMED	Grey/Black	16,000	60	60	60		03781
76 x 6 x 6.35	2AMED	Grey/Black	12,000	40	40	40		15531
76 x 12 x 6.35	2AMED	Grey/Black	12,000	20	20	20		15532
51 x 6 x 6.35	6AMED	Tan/Red	22,100	60	60	60		03786
76 x 6 x 6.35	8ACRS	Tan/Red	18,100	40	40	40		13763

Mini Bob XL-UW

SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	USE WITH	PART NO.
25 x 25 x 4.84	2SFIN	Grey/Purple	30,100	50	50	50	Mandrel 936M	03792
25 x 25 x 4.84	6AFIN	Tan/Blue	35,100	50	50	50		03794
25 x 25 x 4.84	6AMED	Tan/Red	35,100	50	50	50		03795
25 x 25 x 4.84	8AMED	Tan/Red	35,100	50	50	50		03796

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Scotch-Brite™ Cut & Polish Unitised Wheel CP-UW

DISCS

ROLOC

BRISTLE

WHEELS

Mineral Aluminium oxide
Construction Unitised
Grades Fine



Benefits

- An aggressive product capable of removing surface imperfection and handling marks
- Compressed, non-woven fibre construction gives uniform grain distribution which will produce consistent results

Applications

- Deburring a range of metal parts

Materials

- All metals



SIZE mm	DENSITY / GRADE	COLOUR	MAX RPM	WHEELS PER INNER	WHEELS PER OUTER	MOQ (wheels)	USE WITH	PART NO.
25 x 25 x 4.8	5AFIN	Tan	35,100	10	50	50	936M Mandrel	01560
75 x 19 x 6.35	5AFIN	Tan	15,100	10	10	10	933M Mandrel	01567

3M™ Shaft Mounted Flap Wheels 339

Mineral	Aluminium oxide
Bond	Resin
Backing	X-weight cloth



Benefits

- A more aggressive product than Scotch-Brite Wheels, capable of removing surface imperfections and handling marks
- Flap construction provides a degree of conformability
- Uniform wear throughout product life
- Enhanced cut and longer life

Applications

- Cleaning, finishing and blending surface imperfections

Materials

- Metal
- Wood



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Flap Wheels

3M™ Shaft Mounted Flap Wheels 339

DISCS

ROLOC

BRISTLE

WHEELS

SIZE	GRADE	MOS (RPM)	WHEELS PER INNER	WHEELS PER OUTER	MOQ	PART NO
30 x 10	P40	25,400	40	40	40	64475
30 x 10	P60	25,400	40	40	40	64476
30 x 10	P80	25,400	40	40	40	64477
30 x 10	P120	25,400	40	40	40	64478
30 x 10	P150	25,400	40	40	40	64479
30 x 10	P180	25,400	40	40	40	64480
30 x 10	P240	25,400	40	40	40	64481
30 x 15	P40	25,400	40	40	40	64482
30 x 15	P60	25,400	40	40	40	64483
30 x 15	P80	25,400	40	40	40	64484
30 x 15	P120	25,400	40	40	40	64485
40 x 20	P40	19,000	40	40	40	64486
40 x 20	P60	19,000	40	40	40	64487
40 x 20	P80	19,000	40	40	40	64488
40 x 20	P120	19,000	40	40	40	64489
40 x 20	P150	19,000	40	40	40	64490
40 x 20	P180	19,000	40	40	40	64491
40 x 20	P240	19,000	40	40	40	64492
50 x 10	P40	15,200	40	40	40	64493
50 x 10	P60	15,200	40	40	40	64494
50 x 10	P80	15,200	40	40	40	64495
50 x 10	P120	15,200	40	40	40	64496
50 x 10	P150	15,200	40	40	40	64497
50 x 20	P40	15,200	40	40	40	64499
50 x 20	P60	15,200	40	40	40	64500
50 x 20	P80	15,200	40	40	40	64501
50 x 20	P120	15,200	40	40	40	64502
50 x 20	P240	15,200	40	40	40	64498
60 x 15	P40	12,700	10	10	10	64503
60 x 15	P60	12,700	10	10	10	64504
60 x 15	P80	12,700	10	10	10	64505
60 x 15	P120	12,700	10	10	10	64506
60 x 30	P40	12,700	10	10	10	64507
60 x 30	P60	12,700	10	10	10	64508
60 x 30	P80	12,700	10	10	10	64509
60 x 30	P120	12,700	10	10	10	64510
60 x 30	P150	12,700	10	10	10	64511
60 x 30	P180	12,700	10	10	10	64512
60 x 30	P240	12,700	10	10	10	64513
60 x 30	P320	12,700	10	10	10	64514
80 x 30	P40	9,500	10	10	10	64515
80 x 30	P60	9,500	10	10	10	64516
80 x 30	P80	9,500	10	10	10	64517
80 x 30	P120	9,500	10	10	10	64518
80 x 30	P240	9,500	10	10	10	64519
80 x 30	P320	9,500	10	10	10	64520
80 x 50	P40	9,500	10	10	10	64521
80 x 50	P60	9,500	10	10	10	64522
80 x 50	P80	9,500	10	10	10	64523
80 x 50	P120	9,500	10	10	10	64524
80 x 50	P150	9,500	10	10	10	64525
80 x 50	P180	9,500	10	10	10	64526
80 x 50	P240	9,500	10	10	10	64527

3M™ Cartridge Roll 947D

Mineral	3M™ Cubitron™ II Abrasive Grain
Coating	Closed
Bond	Resin
Backing	X-weight cloth
Features	Grinding aid
Grades	P40, P60, P80, P120



- Cubitron II Mineral cuts quicker and lasts longer than conventional Aluminium Oxide products
- Features a grinding aid for cooler cutting
- Small sizes allow access into intricate and hard-to-reach areas
- Deburring; detailing operations; heavy burr and rag removal on all metals
- Metal



PRODUCT CODE	SIZE mm	GRADE	MAX. RPM	MOQ
947D	13 x 25	Available in P40, P60, P80, P120	30,000	50
947D	19 x 25		30,000	50
947D	25 x 25		30,000	50
947D	30 x 30		30,000	50
947D	38 x 25		30,000	50
947D	45 x 30		30,000	50
947D	51 x 25		30,000	50

DESCRIPTION	SIZE	USE WITH
Cartridge Roll Mandrel	6mm	Cartridge Rolls

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Flap Brushes

Scotch-Brite™ Cut & Polish Flap Brush CP-FB

Mineral Aluminium oxide
Construction Flaps of Scotch-Brite material bonded to a fibre core
Grades Medium



Benefits

- Three dimensional Scotch-Brite web produces consistent, repeatable results without damaging the workpiece
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks

Applications

- Satin finishing and light deburring of shaped components

Materials

- Metal
- Wood



SIZE mm	GRADE	COLOUR	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
200 x 50 x 76.2	7AMED	Brown	4,000	1	1	1	138658

Scotch-Brite™ Clean & Finish Flap Brush CF-FB

- Mineral** Aluminium oxide/
Silicon carbide
- Construction** Flaps of Scotch-
Brite material
bonded to
a fibre core
- Grades** Very Fine, Fine



Benefits

- Brushes are impregnated with abrasive mineral to give uniform cut and finish throughout product life
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks
- Softer, less aggressive construction than CP-FB, for finer blending and finishing

Applications

- Cleaning and light deburring of various substrates; satin finish on metals; smoothing wood prior to varnishing; primer denibbing before final coat

Materials

- Metal
- Wood
- Lacquers



SIZE mm	GRADE	COLOUR	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
150 x 50 x 50.8	5AVFN	Maroon	3,400	2	2	2	451664
200 x 50 x 76.2	5AFIN	Maroon	3,200	2	2	2	365163
200 x 50 x 76.2	7AFIN	Maroon	3,200	2	2	2	373032

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Combi Wheels

3M™ 450 Combi Wheel CB-ZS

DISCS

ROLOC

BRISTLE

WHEELS

Mineral

Aluminium oxide

Construction

Alternate flaps of Scotch-Brite web and X-weight coated abrasive cloth



Benefits

- Combination of Scotch-Brite Clean & Finish material and coated abrasive gives greater scratch depth, removes defects and reduces scratch roughness in one step
- Integrated shaft means brush is ready to use, saving downtime and process costs
- Produces a finer finish than a coated abrasive flap wheel

Applications

- Blending scratches on stainless steel; fine finishing aluminium prior to anodizing

Materials

- All metals



SIZE mm	GRADE	COLOUR	MOS (RPM)	WHEELS PER INNER	WHEELS PER OUTER	MOQ	PART NO.
75 x 45 x 6	P60 / Fine	Green	7,500	10	10	10	03772
75 x 45 x 6	P80 / Fine	Green	7,500	10	10	10	03771
75 x 45 x 6	P120 / Fine	Green	7,500	10	10	10	03770
75 x 45 x 6	P180 / Fine	Green	7,500	10	10	10	03769

Scotch-Brite™ Shaft Mounted Flap Brushes FF-ZS, PF-ZS

Mineral

FF-ZS AVFN & ACRS
- Aluminium oxide
FF-ZS SFIN
- Silicon carbide
PF-ZS
- Aluminium oxide

Construction

Flaps of Scotch-Brite material mounted on a spindle



Benefits

- Uniform surfaces on workpieces without chatter marks
- Fine, matt scratch pattern
- Produces a finer finish than a Combi Wheel

Applications

- Light deburring; cleaning and finishing; discolouration and oxidation removal from weld seams

Materials

- All metals



SIZE mm	GRADE	COLOUR	MOS (RPM)	BRUSHES PER INNER	BRUSHES PER OUTER	MOQ (brushes)	PART NO.
FF-ZS							
75 x 45 x 6	ACRS	Maroon	8,500	10	10	10	07213
75 x 45 x 6	SFIN	Grey	8,500	10	10	10	07215
75 x 45 x 6	AVFN	Maroon	8,500	10	10	10	07217
PF-ZS							
75 x 45 x 6	AMED	Brown	8,500	10	10	10	07209
75 x 45 x 6	AVFN	Brown	8,500	10	10	10	07211

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Flap Brushes

Scotch-Brite™ Mini Flap Brushes CS-MB, CP-MB, CF-MB

DISCS

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BRISTLE

WHEELS

Mineral

CS-MB
- Silicon carbide
CP-MB
- Aluminium oxide
CF-MB
- Aluminium oxide

Construction

Flaps of Scotch-Brite material bonded to a fibre core



Benefits

- Three dimensional Scotch-Brite web produces consistent, repeatable results without damaging the workpiece
- Open, flexible flap construction is soft and pliable to produce uniform surface finishes without chatter marks
- Use as part of a Match & Finish system - see Belts section

Applications

- CS-MB - cleaning, finishing, graining
- CP-MB - dull finishing and light deburring
- CF-MB - fine finishing

Materials

- Stainless steel
- Aluminium



SIZE mm	GRADE	COLOUR	MOS (RPM)	MOQ (brushes)	PART NO.
CS-MB					
100 x 100 x 19	ACRS	Black	4,000	8	00577
CP-MB					
100 x 100 x 19	AMED	Tan	4,000	8	00578
CF-MB					
100 x 100 x 19	SMED	Grey	4,000	8	00579
100 x 100 x 19	AFIN	Red	4,000	8	00580
100 x 100 x 19	SMED	Grey	4,000	8	00581
100 x 100 x 19	SMED	Red	4,000	8	00582
100 x 100 x 19	TYPE T	White	4,000	14	04041

Wheel Accessories and Mandrels



**3M Mandrel
900-6**



**3M Mandrel
900-8**



**3M Cartridge
Roll Mandrel**



**3M Euro Flange
76.2mm**



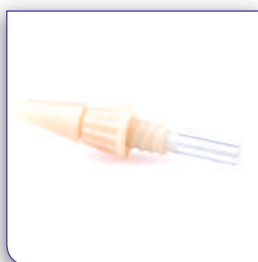
**3M Euro Flange
25.4mm**



**3M Mandrel
933M**



**3M Mandrel
936M**



**3M Mandrel
935M**



**3M Mandrel
990M**

DESCRIPTION	SIZE mm	MOQ (units)	PART NO.
900-6 Mandrel	6mm Shaft	5	A07947
900-8 Mandrel	8mm Shaft	5	7948
Cartridge Roll Mandrel	6mm	5	88749
3M Euro Flange	76.2 x 6 x 12.7	1	A61311
3M Euro Flange	24.4 x 6 x 12.7	1	61327
933M Mandrel	50 x 6 x 25	5	85004
936M Mandrel	50 x 6 x 19	5	85005
935M Mandrel	2-7/8" x 6mm	5	A85003
990M Mandrel	6mm	5	325310
Tapered Spindle Adaptor	76.2 x 50	1	9662
Rubber Cushion Mandrel	25 x 25 x 6	1	45139
Rubber Cushion Mandrel	25 x 50 x 6	1	45137
Diamond Dressing Tool	NA	1	9587

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Belts

3M Belts are available in a wide range of sizes and grades, for further information, please call our customer care team.



3M Air-Powered File Belt Sander

3M™ Coated Abrasive Belts

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Pressure	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	80+	60	60+	50	40	36	36+	24
3M 984F	102	Cu II	CL	R	XF	GA	H																								
3M 967F	102	Cu	CL	R	XF	GA	H																								
3M 977F	103	Cu	CL	R	YF	GA	H																								
					103																										
3M 947D	103	Cu	CL	R	XF	GA	M/H																								
3M 777F	104	Cu	CL	R	XF	GA	M/H																								
3M 577F Green	104	AZ	CL	R	XF	GA	M/H																								
3M 341D	105	AO	M	R	X	—	M																								
3M 947A		Cu II	—	R	X	—	H																								

Scotch-Brite™ Surface Conditioning Belts

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Type T	SFN	FIN	MED	CRS
SC-BS	107	AO	—	—	SB	—					
		SC	—	—	SB	—					
DF-BL	107	AO	—	—	LS	—					

3M™ Trizact™ Structured Abrasive Belts

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Pressure	A300	A160	A110	A100	A90	A80	A65	A60	A45	A40	A35	A30	A20	A16	A10	A6
3M 337DC	108	AO	MaR	—	XF	GA	M/L																
3M 237AA	108	Cu	MiR	—	XF	GA	M/L																
3M 363FC / 463FC	106	SC	MaR	R	YF	—	M																

Cu	3M™ Cubitron™ Abrasive Grain
AZ	Alumina Zirconia
AO	Aluminium Oxide
SC	Silicon Carbide
T	Type T

CL	Closed coat
M	Multicut
MaR	Macroreplicated
MiR	Microreplicated
R	Resin bond

YF	Y-weight cloth backing
XF	X-weight cloth backing
LS	Low Stretch
SB	Scrim Backed
FB	Film Backed

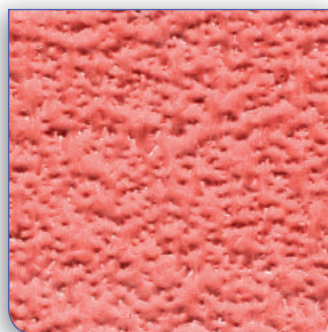
GA	Grinding Aid
M	Medium pressure
M/H	Medium to high pressure
H	High pressure
M/L	Medium to low pressure

Coated Cloth Belts

3M™ 984F

CUBITRON II

Mineral	3M™ Cubitron™ II Precision Shaped Grain
Backing	YF weight
Coating	Closed
Bond	Resin
Features	Grinding aid
Pressure	High



Forget everything you know about grinding with abrasive belts

New 3M™ Cubitron™ II Abrasive Belts have raised the bar for grinding performance and productivity – thanks to a breakthrough 3M technology that re-writes the rules for speed, consistency and belt life.

- Average up to 30% faster cutting on hard-to-grind metals than the next-best competitive belt
- Cuts cooler – diverts heat from the workpiece and belt to the swarf
- Helps eliminate burnishing and heat stress
- Lasts up to 4 times as long as conventional ceramic aluminium oxide belts



3M™ Cubitron™ II Abrasive Belt Selection Guide

Conventional Product Grade	Recommended Cubitron II Replacement	Potential Improvements	
		Faster Cut, Longer Life	Reduced Sequence Steps
24	36+		
36	36+		
	60+		
40	36+		
	60+		
50	36+		
	60+		
	80+		
60	60+		
	80+		
80	80+		
100	80+		

3M™ 947A

Mineral	3M™ Cubitron II™ Abrasive Grain
Backing	X weight
Coating	Closed
Bond	Resin
Features	Grinding aid
Pressure	Low / Medium



Benefits

- Runs cooler to eliminate burnishing
- Requires less pressure to achieve high cut rates
- Cuts faster – lasts longer than conventional ceramic belts

Applications

- Low to Medium pressure applications

Materials

- Mild steel
- Tool steels
- Aluminium
- Carbon
- Stainless steel



Coated Cloth Belts

3M™ 977F

Mineral	3M™ Cubitron™ Abrasive Grain
Backing	XF/YF weight
Coating	Closed
Bond	Resin
Features	Grinding aid
Pressure	High



Benefits

- Product of choice for stainless steel and other foundry grinding applications
- Can be run wet
- Features a grinding aid for cooler cutting

Applications

- Stiff belt suitable for high pressure grinding applications

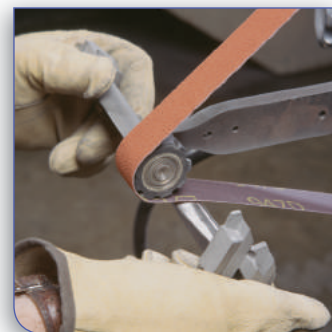
Materials

- Stainless steel and cobalt
- Mild steel, tool steels and SG iron
- Nickel alloys and titanium



3M™ 947D

Mineral	3M™ Cubitron™ Abrasive Grain
Backing	X weight
Coating	Closed
Bond	Resin
Features	Grinding aid
Pressure	Medium to High



Benefits

- Flexible X weight backing means suitable for portable hand tools and backstand machines
- Features a grinding aid for cooler cutting

Applications

- High performance, semi-flexible belt for stock removal and blending applications

Materials

- Stainless steel and cobalt
- Mild steel, tool steels and SG iron
- Nickel alloys



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Coated Cloth Belts

3M™ 777F

Mineral 3M™ Cubitron™
Abrasive Grain

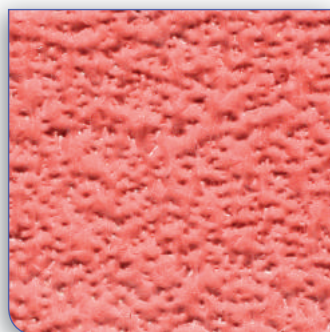
Backing YF weight

Coating Closed

Bond Resin

Features Grinding aid

Pressure Medium



Benefits

- Designed to save production time
- Long belt life increases productivity
- Fast cut rate reduces process time
- Can be run wet
- Features a grinding aid for cooler cutting

Applications

- Stiff belt suitable for grinding applications

Materials

- Stainless steel and cobalt
- Aluminium



3M™ 577F (Green)

Mineral Alumina zirconia

Backing Y weight

Coating Closed Coat

Bond Resin

Features Grinding aid

Pressure Medium to High



Benefits

- A higher performing belt than traditional Aluminium Oxide products

Applications

- For medium to heavy grinding applications

Materials

- All metals



Coated Cloth Belts

3M™ 341D

Mineral	Aluminium oxide
Backing	X weight
Coating	Closed
Bond	Resin
Replaces	3M 251D



Benefits

- Designed for grinding and finishing

Applications

- General purpose, dry metalworking applications
- Woodworking

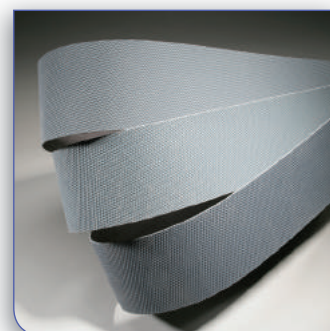
Materials

- Stainless steel, mild steel, carbon steel and forged steel
- Wood



3M™ 363FC / 463FC

Mineral	463FC Silicon carbide 363FC Aluminium Oxide
Backing	YF weight
Coating	Macroreplicated
Bond	Resin



Benefits

- Designed to last up to two times longer than conventional cork and agglomerate belts
- Delivers faster, more consistent results

Applications

- Ideal for wet centreless grinding, flat finishing and polishing

Materials

- Stainless steel and carbon steel
- Titanium, zirconium, chrome and nickel alloys



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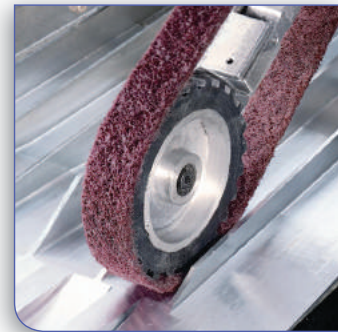
ROLLS

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Scotch-Brite™ SC-BS

Mineral Aluminium oxide
Backing Scrim backed



Benefits

- A tough, non-woven nylon web impregnated throughout its structure to provide a uniform finish
- Produces a smooth burr-free surface
- Spring-like action of the web delivers excellent soft edge properties for the best blended finish

Applications

- Removing rust and discolouration
- Surface preparation and cleaning

Materials

- All metals



Scotch-Brite™ DF-BL

Mineral Aluminium oxide
Backing Low stretch flexible



Benefits

- Everything you have come to expect from Scotch-Brite belts plus:
 - Longer Life
 - Increased cut rate
 - Improved edge durability

Applications

- Significant increase in flexibility for file belt applications

Materials

- All metals



Trizact Belts

3M™ Trizact™ 237AA

Mineral	Aluminium oxide
Coating	Microreplication
Backing	XF weight
Features	Grinding aid
Pressure	Medium



Benefits

- Saves production time; fewer steps needed to achieve the required finish, reduced rework, fresh cutting surfaces continually exposed resulting in extended belt life and reduced frequency of belt changes
- Improved quality of finish; precise, repeatable finishes from part to part, mineral coating consistency eliminates wild scratches

Applications

- Ideal for fine finishing on metal, including high precision and cosmetic/visual finishing
- Not suitable for stock removal applications

Materials

- Stainless steel, mild steel and tool steels
- Cobalt, nickel alloys and titanium



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3M™ Trizact™ 337DC (Trizact CF)

Mineral	Aluminium oxide
Coating	Macroreplication
Backing	XF weight
Features	Grinding aid
Pressure	Medium



Benefits

- Delivers a higher cut rate than conventional Trizact, whilst still providing the same quality of finish.

Applications

- Designed for more demanding applications such as casting skin removal.

Materials

- Stainless steel, mild steel and tool steels
- Cobalt, nickel alloys and titanium





Hand Sanding



Scotch-Brite™ Surface Conditioning Products

MATERIAL	Page	Mineral	Coating	Bond	Type T	ULFN	SFN	VFN	FIN	MED	CRS	XRXS
7441	112	T	–	–								
7448+	112	SC	–	–								
7447+	112	AO	–	–								
7496	112	AO	–	–								
7446	112	SC	–	–								
7440	112	AO	–	–								
7486	112	AO	–	–								
CF-SR	113	AO	–	–								
	113	SC	–	–								
MX-SR	114	AO	–	–								
	114	SC	–	–								

Coated Abrasives

MATERIAL	Page	Mineral	Coating	Bond	Microfine	Ultrafine	Superfine	Fine	Medium	Coarse
Standard Sponge	115	–	4	–						
Hi-Flex Sponge	116	–	2	–						
Softback Sponge	117	–	1	–						
Flexible Foam Sponge	118									

Flexible Diamond Abrasives

MATERIAL	Page	Mineral	Coating	Bond	N10	N20	N40	N74	N125	N250
6200J	119	FD	–	N						
6223J	120	FD	–	N						

T	Type T (non-abrasive)
SC	Silicon Carbide
AO	Aluminium Oxide
FD	3M™ Flexible Diamond™ Abrasive
4	Coated on four faces
2	Coated on two faces
1	Coated on one face
R	Resin bond
N	Nickel bond

Type T	Type T (non-abrasive)
ULFN	Ultra Fine
VFN	Very Fine
FIN	Fine
MED	Medium
CRS	Coarse
XRCS	Extra Coarse
N	Micron grades

See 3M Coated Abrasives Technical Information and Scotch-Brite Technical Information for further details

Handpads

Scotch-Brite™ Handpads

DISCS

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HAND
SANDING

Mineral

7486, 7440,
7496, 7447:
Aluminium oxide
7446, 7448:
Silicon carbide
7441: Type T
(no mineral content)



Benefits

- Flexible, conformable
Scotch-Brite Web produces a consistent, repeatable finish without altering the geometry of the workpiece
- Save time and money by reducing rework and improving process time

Applications

- Deburring, cleaning, blending, finishing, polishing

Materials

- Metal
- Wood
- Lacquers
- Ceramics
- Glass
- Plastics
- Fibre-glass



PRODUCT CODE	SIZE mm	GRADE	COLOUR	PADS PER INNER	PADS PER OUTER	MOQ (pads)	PART NO.
7441	155 x 225	Type T	White	10	40	40	05307
7448+	155 x 225	SULFN	Grey	20	60	60	05304
7447+	155 x 225	AVFN	Maroon	20	60	60	05303
7496	155 x 225	AFIN	L Green	10	60	60	05305
7446	155 x 225	SCRS	D Grey	10	40	40	04051
7440	155 x 225	AMED	Brown	10	40	40	04050
7486	155 x 225	ACRS	D Green	10	40	40	05306

Scotch-Brite™ Handpads Pre-Cut on a Roll CF-SR

Mineral

Purple:
Aluminium oxide
Grey:
Silicon carbide



Benefits

- Cost-effective, hand-sized pads on a roll, perforated for ease of use
- Packaging designed to reduce product wastage
- Longer life, higher cut and a more consistent finish over standard pads

Applications

- Cleaning surface corrosion and oxidation; applying matt finishes to metal; wood denibbing; smoothing wood prior to and after primer coats

Materials

- Metal
- Wood
- Lacquers
- Ceramics
- Glass
- Plastics
- Fibre-glass



SIZE mm	GRADE	COLOUR	PADS PER ROLL	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
115 x 150	AVFN	Purple	35	1	4	4	A07903
115 x 150	SULFN	Grey	35	1	4	4	A07904

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Handpads

Scotch-Brite™ Multi-Flex Sheets (MX-SR)

Mineral

Purple:
Aluminium oxide
Grey:
Silicon carbide



Benefits

- High conformability means a consistent, clean finish on the most intricate profiles
- User-friendly non-woven material replaces conventional wire wool products for a safer workplace

Applications

- Cleaning surface corrosion and oxidation; applying matt finishes to metal; wood denibbing; removing frayed wood fibres prior to and after primer coats

Materials

- Metal
- Wood
- Lacquers



SIZE mm	GRADE	COLOUR	SHEETS PER ROLL	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
100 x 200	AVFN	Purple	60	1	4	4	A07521
100 x 200	SULFN	Grey	60	1	4	4	277164

Accessories for use with Scotch-Brite Handpads

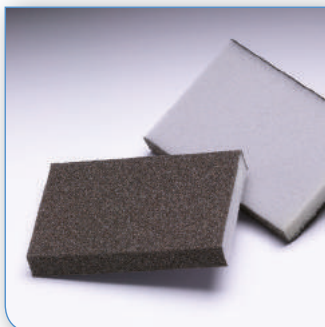
DESCRIPTION	SIZE	USE WITH	UNITS PER INNER	UNITS PER OUTER	MOQ	PART NO.
Handpad Holder	89 x 120	Handpads or Rolls	10	10	10	HOLD961

Sanding Sponges

3M™ Hi-Flex Sponge

Coating Flexibility

Coated on two faces
Very flexible
and durable



Benefits

- Available in a variety of grades
- Can be used wet for improved dust control
- Can be washed by hand and re-used
- Coated on two faces for better flexibility

Applications

- Hand sanding of contours and channels

Materials

- Wood
- Lacquers



SIZE mm	GRADE	SPONGES PER INNER	SPONGES PER OUTER	MOQ (sponges)	PART NO.
95 x 123 x 12.5	Medium	100	100	100	68023

3M™ Standard Sponge

Coating Flexibility

Coated on four faces
Semi-flexible



Benefits

- Available in a variety of grades
- Can be used wet for improved dust control
- Can be washed by hand and re-used
- Coated on four faces for value for money and extended product life

Applications

- Hand sanding of contours and corners

Materials

- Wood
- Lacquers

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Flexible Diamond Abrasives

3M™ 6200J Hand Laps

DISCS

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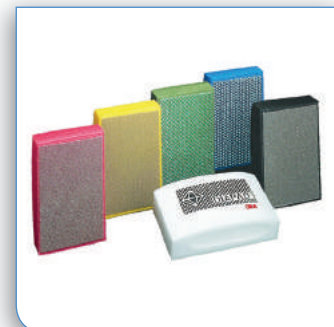
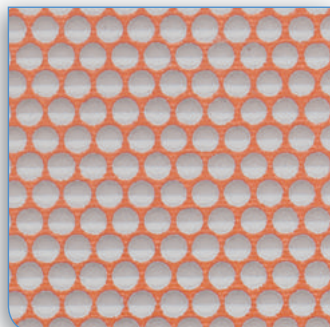
BRISTLE

WHEELS

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HAND
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Mineral	Flexible diamond abrasive
Grade	Micron
Bond	Nickel
Pattern	Open dot



Benefits

- Colour coded and ergonomically designed pads give excellent control, long product life and a fine finish
- Easy to use, ideal for removing sharp edges from cut glass, hard metals and ceramics

Applications

- Edge bevelling (wet and dry applications); deburring hard materials; trimming and finishing composite materials

Materials

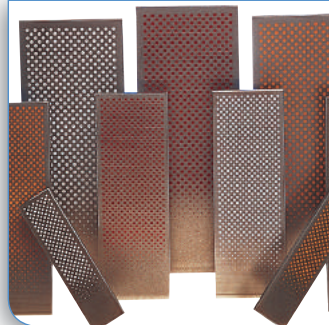
- Glass
- Ceramics
- Composites
- Laminations
- Armoured platings



SIZE mm	GRADE	COLOUR	PADS PER INNER	PADS PER OUTER	MOQ (pads)	PART NO.
90 x 55	N20	White	10	10	10	10067
90 x 55	N40	Yellow	10	10	10	65306
90 x 55	N74	Red	10	10	10	65307
90 x 55	N250	Green	10	10	10	9951
90 x 55	R10	Blue	10	10	10	9956
90 x 55	R30	Yellow/White	10	10	10	9955

3M™ 6223J Professional Whetstones

Mineral	Flexible diamond abrasive
Grade	Micron
Bond	Nickel
Pattern	Open dot



Benefits

- Easy to use, fast-cutting, long lasting diamond tools
- Supplied with rubber feet to prevent slippage on smooth surfaces

Applications

- Precision faceting and sharpening of cutting tools such as chisels, blades, knives, shears and carbide tools

Materials

- Hardened metals, including carbide coating



SIZE mm	GRADE	COLOUR	WHETSTONES PER INNER	WHETSTONES PER OUTER	MOQ (whetstones)	PART NO.
150 x 50	N74	Red	5	5	5	65321
150 x 50	N40	Yellow	5	5	5	65320
150 x 50	N20	White	5	5	5	65316

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3M™ Stainless Steel Cleaner and Polish

Packaging Aerosol

Fragrance Lime



Benefits

- Cleans and polishes in one step, leaving no greasy surface build-up
- Leaves a light, protective film that restores sheen whilst reducing fingerprinting and streaking

Applications

- Cleaning and maintenance

Materials

- Stainless steel
- Chrome
- Aluminium
- Plastics
- Enamel
- Other finished / polished metal surfaces

SIZE mm	COLOUR	CANS PER INNER	CANS PER OUTER	MOQ (cans)	PART NO.
600g Aerosol Can	Light Blue	1	12	12	STSTCAN

Scotch-Brite™ Tack Pad

Structure Non-woven web



Benefits

- High dust collection with no drag marks left behind
- No adhesive transfer to hands or surface
- Adhesive is distributed evenly throughout the product for long life and efficiency of use

Applications

- Cleaning and dust removal

Materials

- Paints
- Stainless steel
- Chrome
- Aluminium
- Plastics
- Enamel

SIZE mm	DESCRIPTION	COLOUR	PADS PER INNER	PADS PER OUTER	MOQ (pads)	PART NO.
175 x 235	Tack Pad	White	10	60	60	07910

Accessories for use with Scotch-Brite Tack Pad

SIZE mm	DESCRIPTION	COLOUR	DISPENSERS PER INNER	DISPENSERS PER OUTER	MOQ (dispensers)	PART NO.
-	Dispenser	Red	1	1	1	07909

A collage of images showing hands working with sheets. On the left, a hand is sanding a dark, textured surface with a yellow sandpaper. On the right, a hand is holding a yellow sheet with black circular perforations. The background is a dark blue grid. The word "Sheets" is written in large white letters across the center. At the top, there are color calibration bars and a registration mark.

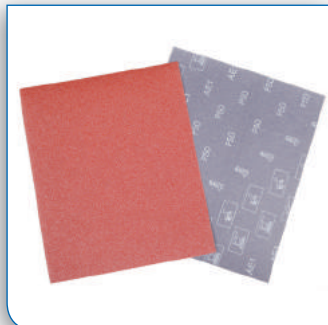
3M Air-Powered Orbital Sander

MATERIAL	Page	Mineral	Coating	Bond	Backing	Attachment	Features	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	60	50	40	36	24
3M 255P	125 & 128	AO	CL	R	C	HKT	FC																					
3M 314D	127	AO	SO	R	J	-	-																					
3M 734	129	SC	CL	R	A/C	-	WOD																					
3M 618	130	SC	OP	R	A	STK	FC																					
3M 622	130	SC	OP	R	A	-	FC																					

GA	Garnet	A	A-weight paper
SC	Silicon Carbide	C	C-weight paper
AO	Aluminium Oxide	D	D-weight paper
OP	Open coat	E	E-weight paper
SO	Semi-open coat	J	J-weight cloth
CL	Closed coat	FC	3M™ Fre-Cut™ Anti-Loading Coating
G	Glue bond	WOD	3M™ Wetordry™ Abrasive
R	Resin bond	STK	3M™ Stikit™ Self Adhesive Fastening System
RG	Resin over glue bond	HKT	3M™ Hookit™ Hook and Loop Fastening System

3M™ Utility Cloth 314D

Mineral	Aluminium oxide
Coating	Semi-open
Bond	Resin
Backing	J-weight cloth



Benefits

- Durable coating and excellent mineral retention means long product life
- Easy to tear backing leaves clean and straight edges
- J-weight cloth gives enhanced flexibility without mineral loss and minimal surface cracking
- Good performance at an economical price

Applications

- For off hand finishing of tubes, rods, profiles, machine and engineering parts, metal furniture, wood furniture, land, sea and air vehicles; general maintenance and repair operations

Materials

- Metal
- Wood
- Plastics



SIZE mm	GRADE	SHEETS PER INNER	SHEETS PER OUTER	MOQ (sheets)	PART NO.
230 x 280	P40	25	250	250	62906
230 x 280	P50	25	250	250	62905
230 x 280	P60	25	250	250	62904
230 x 280	P80	25	250	250	62903
230 x 280	P100	25	250	250	62902
230 x 280	P120	25	250	250	62901
230 x 280	P150	25	250	250	62900
230 x 280	P180	25	250	250	62899
230 x 280	P240	25	250	250	62897
230 x 280	P320	25	250	250	62907
230 x 280	P400	25	250	250	62896

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Paper Sheets

3M™ 255P

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BRISTLE

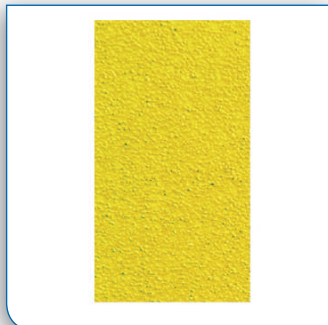
WHEELS

BELTS

HAND
SANDING

SHEETS

Mineral	Aluminium oxide
Coating	Closed
Bond	Resin
Backing	C-weight paper
Features	Fre-Cut anti-loading coating



Benefits

- C-weight paper backing gives good mineral support meaning longer product life and sustained cutting action
- Features the 3M Hookit fixing system, meaning that in conjunction with Hookit accessories, these products can be attached and reattached as many times as necessary
- Features enhanced anti-loading coating to enhance product working life

Applications

- Intermediate and final sanding of furniture parts, varnished surfaces, kitchen counter-tops and plastic parts by hand and with portable sanding machines

Materials

- Lacquered hard & soft wood
- Paints
- Plastics
- Solid surface materials (e.g Corian™)
- Metal



SIZE mm	GRADE	SHEETS PER INNER	SHEETS PER OUTER	MOQ (sheets)	PART NO. PLAIN
230 x 280	P80	100	500	500	A63113
230 x 280	P100	100	500	500	A63114
230 x 280	P150	100	500	500	A63116
230 x 280	P180	100	500	500	A63117
230 x 280	P220	100	500	500	A63118
230 x 280	P240	100	500	500	A63119
230 x 280	P280	100	500	500	A63120
230 x 280	P320	100	500	500	A63121
230 x 280	P400	100	500	500	A63123

3M™ Wetordry™ 734

Mineral	Silicon carbide
Coating	Closed
Bond	Resin
Backing	A/C-weight paper
Features	Use wet or dry



Benefits

- Sharp, abrasive silicon carbide mineral ensures long product life and good surface quality
- Flexible and conformable water resistant paper backing for easier handling

Applications

- Off hand sanding on panelling, lacquer surfaces, metallurgical specimens and sheet metal

Materials

- Laminated and/or coated surfaces
- Fillers
- Metal
- Plastics
- Acrylics
- Other solid surface materials



SIZE mm	GRADE	PAPER WEIGHT	SHEETS PER INNER	SHEETS PER OUTER	MOQ (sheets)	PART NO.
230 x 280	P80	C	50	250	250	A02022
230 x 280	P100	C	50	250	250	A02021
230 x 280	P120	C	50	250	250	A02020
230 x 280	P150	C	50	250	250	A02019
230 x 280	P180	C	50	250	250	A02018
230 x 280	P220	A	50	250	250	A02015
230 x 280	P240	A	50	250	250	A02014
230 x 280	P280	A	50	250	250	A02013
230 x 280	P320	A	50	250	250	A02012
230 x 280	P360	A	50	250	250	A02011
230 x 280	P400	A	50	250	250	A02010
230 x 280	P500	A	50	250	250	A02009
230 x 280	P600	A	50	250	250	A02008
230 x 280	P800	A	50	250	250	A02007
230 x 280	P1000	A	50	250	250	A02006
230 x 280	P1200	A	50	250	250	A02005

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Paper Sheets

3M™ 618

Mineral	Silicon carbide
Coating	Open
Bond	Resin
Backing	A-weight paper
Features	Fre-Cut anti-loading coating



Benefits

- Sharp silicon carbide mineral gives an aggressive cut with a fine finish
- Higher loading resistance means extended product life

Applications

- Hand sanding of furniture, ornaments, frames, fillers, mouldings and profiles: finishing paints, lacquers, wood and plastics

Materials

- Lacquers
- Plastics
- Primer coats
- Fillers

3M 618

SIZE mm	GRADE	SHEETS PER INNER	SHEETS PER OUTER	MOQ (sheets)	PART NO.
230 x 280	P80	50	500	500	A02631
230 x 280	P100	50	500	500	A02565
230 x 280	P120	50	500	500	A02564
230 x 280	P150	50	500	500	A02563
230 x 280	P180	50	500	500	A02562
230 x 280	P220	50	500	500	A02561
230 x 280	P240	50	500	500	A02560
230 x 280	P280	50	500	500	A02559
230 x 280	P320	50	500	500	A02558
230 x 280	P400	50	500	500	A02556



Rolls



Use with 3M Roll Accessories

Coated Abrasives

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	1200	1000	800	600	500	400	360	320	280	240	220	180	150	120	100	80	60	50	40	36	24
3M Red	134	AO	OP	R	F	XO																					
3M 255P	135	AO	OP	R	C	FC																					
3M 314D	136	AO	SO	R	J	-																					
3M 618	137	SC	OP	R	A	FC																					

Scotch-Brite™ Surface Conditioning Products

MATERIAL	Page	Mineral	Coating	Bond	Backing	Features	Type T (falc)	ULFN (SC)	VFN (AO)	FIN (AO)	MED (AO)	CRS (AO)	XCRS (SC)
CP-RL	138	AO	-	-	-	-							
GP-RL	139	AO	-	-	-	-							
CF-RL	140	AO	-	-	-	-							
		SC	-	-	-	-							
		T	-	-	-	-							

SC	Silicon Carbide	C	C-weight paper	Type T	Type T (non-abrasive)
AO	Aluminium Oxide	D	D-weight paper	ULFN	Ultra Fine
OP	Open coat	F	F-weight paper	VFN	Very Fine
SO	Semi-open coat	J	J-weight cloth	FIN	Fine
CL	Closed coat	FC	3M™ Fre-Cut™ Anti-Loading Coating	MED	Medium
R	Resin bond	WOD	3M™ Wetordry™ Abrasive	CRS	Coarse
RG	Resin over glue bond	XO	3M™ Xodust™ Dust Control	XCRS	Extra Coarse
A	A-weight paper				

See 3M Coated Abrasives Technical Information and Scotch-Brite Technical Information for further details.

Paper Rolls

3M™ 255P

Mineral	Aluminium oxide
Coating	Open
Bond	Resin
Backing	C-weight paper
Features	Fre-Cut anti-loading coating



Benefits

- C-weight paper backing gives good mineral support for longer product life and sustained cutting action
- Features enhanced anti-loading coating to extend product working life

Applications

- Hand and portable machine sanding

Materials

- Laminated and/or coated surfaces
- Fillers
- Metal
- Plastics
- Acrylics
- Other solid surface materials



SIZE (MM)	GRADE	ROLLS PER INNER	ROLLS PER OUTER	MOQ (ROLLS)	PART NO
115 x 50m	P80	2	12	12	507317
115 x 50m	P100	2	12	12	507318
115 x 50m	P120	2	12	12	507320
115 x 50m	P150	2	12	12	507321
115 x 50m	P180	2	12	12	507322
115 x 50m	P220	2	12	12	507323
115 x 50m	P240	2	12	12	507324
115 x 50m	P280	2	12	12	507325
115 x 50m	P320	2	12	12	507326

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Cloth Rolls

3M™ Utility Cloth 314D

Mineral	Aluminium oxide
Coating	Semi-open
Bond	Resin
Backing	J-weight cloth



Benefits

- Durable coating and excellent mineral retention means long product life
- Easy-to-tear backing leaves clean and straight edges
- J-weight cloth gives enhanced flexibility without mineral loss and surface cracking
- Good performance at an economical price

Applications

- Off hand finishing of tubes, rods, profiles, machine and engineering parts, metal furniture, wood furniture and vehicles

Materials

- Metal
- Wood
- Plastics



SIZE (MM)	GRADE	ROLLS PER INNER	ROLLS PER OUTER	MOQ (ROLLS)	PART NO
25 x 25m	P40	1	5	5	62857
25 x 25m	P80	1	5	5	62860
25 x 25m	P100	1	5	5	62861
25 x 25m	P120	1	5	5	62862
25 x 25m	P150	1	5	5	62863
25 x 25m	P240	1	5	5	62866
25 x 25m	P320	1	5	5	62867
25 x 25m	P400	1	5	5	62868
38 x 25m	P40	1	5	5	62870
38 x 25m	P80	1	5	5	62873
38 x 25m	P100	1	5	5	62874
38 x 25m	P120	1	5	5	62875
38 x 25m	P150	1	5	5	62876
38 x 25m	P180	1	5	5	62877
38 x 25m	P240	1	5	5	62879
38 x 25m	P320	1	5	5	62880
38 x 25m	P400	1	5	5	62881
50 x 25m	P40	1	5	5	62883
50 x 25m	P50	1	5	5	62884
50 x 25m	P60	1	5	5	62885
50 x 25m	P80	1	5	5	62886
50 x 25m	P100	1	5	5	62887
50 x 25m	P120	1	5	5	62888
50 x 25m	P150	1	5	5	62889
50 x 25m	P180	1	5	5	62890
50 x 25m	P240	1	5	5	62892
50 x 25m	P320	1	5	5	62893
50 x 25m	P400	1	5	5	62894

Mineral	Silicon carbide
Coating	Open
Bond	Resin
Backing	A-weight paper
Features	Fre-Cut™ anti-loading coating



Benefits

- Silicon Carbide mineral gives a sharp, aggressive cut with a fine finish
- Fre-Cut coating resists loading to extend product life
- Flexible backing is long lasting in hand sanding operations

Applications

- Hand and portable machine sanding of furniture, ornaments, frames, fillers, mouldings and profiles

Materials

- Lacquers
- Plastics
- Primer coats
- Fillers
- Wood



SIZE mm	GRADE	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
115 x 50m	P120	1	2	2	06527
115 x 50m	P150	1	2	2	04672
115 x 50m	P180	1	2	2	04660
115 x 50m	P240	1	2	2	06528
115 x 50m	P320	1	2	2	04655

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Cut & Polish Roll CP-RL

Mineral

Aluminium oxide



Benefits

- Aggressive cutting action leaves a uniform, tight scratch pattern
- Small lengths of this robust roll can be used on hand tools with the 3M 935 Mandrel for reaching the inside of tubes and pipes

Applications

- Deburring, cleaning and finishing

Materials

- Metal
- Plastics
- Wood
- Composites
- Lacquers



SIZE mm	GRADE	COLOUR	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
25 x 5m	AMED	Brown	2	10	10	03767
50 x 5m	AMED	Brown	1	5	5	05534

Accessories for use with Scotch-Brite Cut & Polish Roll

DESCRIPTION	SIZE	MOS (RPM)	USE WITH	UNITS PER INNER	UNITS PER OUTER	MOQ	PART NO.
3M 935 Mini Mandrel	75mm length / 6.35mm shank	14000	CP-RL	5	5	5	00935

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General Purpose Roll GP-RL

Mineral Aluminium oxide



Benefits

- Easy to tear into convenient lengths
- Three-dimensional open structure gives a controlled, repeatable cut and uniform finish

Applications

- Cleaning; light rust removal; surface preparation prior to painting, gluing, varnishing or electro-plating

Materials

- Metal
- Wood



SIZE mm	GRADE	COLOUR	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
125 x 10m	AFIN	Green	1	4	4	03768

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Clean & Finish Roll CF-RL

Mineral

Aluminium oxide;
Silicon carbide

Benefits

- Highly conformable web for intricate or detailed work – won't alter the geometry of the workpiece
- Easy to cut into desired lengths for hand sanding or use with orbital sanders

Applications

- Touch-up on brushed stainless steel and aluminium; matt finishing on metal; removal of light blemishes; tool cleaning; cleaning sensitive surfaces (e.g. measuring equipment); roughing lacquered surfaces for repainting; initial and intermediate lacquer coats

Materials

- Metal
- Wood
- Plastics
- Composites
- Lacquers



SIZE mm	GRADE	COLOUR	ROLLS PER INNER	ROLLS PER OUTER	MOQ (rolls)	PART NO.
100 x 10m	SULFN	Grey	1	4	4	232776
100 x 10m	AMED	Maroon	1	4	4	03761
150 x 10m	SULFN	Grey	1	4	4	03766
150 x 10m	AVFN	Maroon	1	4	4	03762
150 x 10m	AFIN	Maroon	1	4	4	03763
150 x 10m	AMED	Maroon	1	4	4	03764
150 x 10m	Type T	White	1	4	4	03765

Accessories for use with Scotch-Brite Clean & Finish Roll

DESCRIPTION	SIZE	USE WITH	UNITS PER INNER	UNITS PER OUTER	MOQ	PART NO.
3M Stainless Steel Cleaner	600g Can	Handpads or Rolls	1	12	12	STSTCAN
Handpad Holder	89 x 120mm	Handpads or Rolls	10	10	10	HOLD961



Power Tools

Air Tool	Model No	PSI	Max RPM	Motor HP (w)	Airflow Rate SCFM	Weight (kg)	Length (mm)	Height (mm)	Tool Dia. (mm)	Orbit Dia. (mm)	Air Inlet Thread	Collet Size (mm)
Elite Random Orbital Sander (SGV)	28511	90	12,000	0.28	17	0.75	75	78.61	75	2.5	1/4"	N/A
	28513	90	12,000	0.28	17	0.65	75	78.61	75	2.5	1/4"	N/A
	28514	90	12,000	0.28	17	0.83	127	83	127	5	1/4"	N/A
	28515	90	12,000	0.28	17	0.85	127	83	127	2.5	1/4"	N/A
	28516	90	12,000	0.28	17	0.87	152	83	152	5	1/4"	N/A
	28517	90	12,000	0.28	17	0.90	152	83	152	2.5	1/4"	N/A
Elite Random Orbital Sander (CV)	28505	90	12,000	0.28	17	0.64	75	78.61	75	2.5	1/4"	N/A
	28506	90	12,000	0.28	17	0.84	127	83	127	5	1/4"	N/A
	28507	90	12,000	0.28	17	0.83	127	83	127	2.5	1/4"	N/A
	28508	90	12,000	0.28	17	0.9	152	83	152	5	1/4"	N/A
	28509	90	12,000	0.28	17	0.87	152	83	152	2.5	1/4"	N/A
Two Hand Random Orbital Sander	28337	90	12,000	0.46	24	1.32	328	113	152	9.5	1/4"	N/A
Orbital Sander (CV)	20430	90	10,000	0.24	17	0.69	139.3	83.5	75 x 100	2.5	1/4"	N/A
Orbital Sander (SGV)	20431	90	10,000	0.24	17	0.72	142.3	83.5	75 x 100	2.5	1/4"	N/A
Die Grinder	25126	90	20,000	1	35	0.77	196.7	N/A	N/A	N/A	1/4"	6
	25127	90	18,000	1	35	0.77	196.7	N/A	N/A	N/A	1/4"	6
	25128	90	12,000	1	35	0.93	254	N/A	N/A	N/A	1/4"	6
	25129	90	8,000	1	35	0.93	254	N/A	N/A	N/A	1/4"	6
	28345	90	18,000	0.5	23	0.512	174.6	N/A	N/A	N/A	1/4"	6
	28346	90	18,000	0.5	23	0.697	269.9	N/A	N/A	N/A	1/4"	6
	28347	90	4,000	0.5	23	0.717	200	N/A	N/A	N/A	1/4"	6
Cut-off Wheel Tool	20233	90	25,000	1	35	0.95	196.9	76.2	75	N/A	1/4"	N/A
	20234	90	20,000	1	35	1.02	196.9	82.6	100	N/A	1/4"	N/A
	20243	90	12,000	1	35	1.49	222.3	133.4	115	N/A	1/4"	N/A
	20235	90	12,000	1	35	1.57	222.3	133.4	127	N/A	1/4"	N/A
Inline Sander	28338	90	1,600	1	35	1.51	251	N/A	N/A	N/A	1/4"	5/8"
	28339	90	3,500	1	35	1.2	216	N/A	N/A	N/A	1/4"	5/8"
File Belt Sander	28366	90	22,000	0.6	27	1.3	370	74.5	N/A	N/A	1/4"	N/A
Disc Sander	25124	90	20,000	0.5	23	0.89	171.5	69.9	51	N/A	1/4"	6
	25125	90	15,000	1	35	0.58	209.6	82.6	77	N/A	1/4"	6

Electric Tool	Model No	RPM	Power (w)	Voltage (v)	Tool Dia. (mm)	Orbit Dia. (mm)	Weight (kg)	Spindle Thread	Size (l)	Max Output (w)	Air Flow (m3/h)	Low Pressure (hPa)	Dust Class
Random Orbital Sander	64385	5,000 to 10000	450	240	150	3	2.1	N/A	N/A	N/A	N/A	N/A	N/A
	64381	5,000 to 10000	450	240	150	5	2.1	N/A	N/A	N/A	N/A	N/A	N/A
Polisher	64393	700 to 1,850	1,100	240	200	N/A	1.9	N/A	N/A	N/A	N/A	N/A	N/A
	64394	700 to 1,850	1,100	110	200	N/A	1.9	N/A	N/A	N/A	N/A	N/A	N/A

3M™ Air-Powered Disc Sander

Designed to allow greater access to work pieces compared to conventional larger disc attachments. Now you can combine the ease of use of the 3M™ Roloc™ Quick-Release System with the high performance and durability of a 3M Air-Powered Disc Sander.

- All models feature a powerful, high torque air motor to optimise overall performance of the 3M Roloc disc system.
- Easier-handling, lightweight, compact design generates less vibration, while improving operator control.
- 3M™ Greptile™ Gripping Material helps provide a more secure grip that can be held with less effort.
- Rear adjustable exhaust feature allows airflow to be directed away from the operator in any preferred direction.
- Works in combination with the Roloc Quick Release System – discs lock securely in place with just half a twist.
- Provides a fast, efficient method for grinding, blending, deburring and finishing on all types of metal.
- All models are supplied with a 3M Roloc Rubber Back-Up Pad and 6mm Collett.



SIZE mm	MOTOR HP	RPM	WEIGHT	LENGTH mm	HEIGHT mm	PART NO.
50mm	0.5	20,000	0.5 kg	171.5	69.9	25124
75mm	1	15000	1 kg	209.6	82.6	25125

Applications

- Use the 75mm 1HP version for tougher applications where more control and power is required. Includes removable side handle for ease of use.
- Use the 50mm 0.5 HP version for light grinding, finishing and deburring where its important to confine the area of work.

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3M™ Air Powered Pistol Grip Sander

Designed for lighter applications than the 3M™ Air-Powered Disc Sander. Combine the ease of use of the 3M Roloc Quick Release System with the high-performance of the 3M Pistol Grip Sander. A lightweight tool ready for use on light-medium sanding applications.

- All models feature a powerful, high torque air motor to optimise overall performance of the 3M Roloc disc system
- Lightweight, compact design generates less vibration
- Right angled design allows for easier-handling providing a fast method for grinding, blending, deburring and finishing on all types of metals
- Works in combination with the Roloc Quick Release System - discs lock securely in place with just half a twist
- Rear adjustable exhaust feature allows airflow to be directed away from the operator in any preferred direction.



SIZE mm	MOTOR HP	MOS (RPM)	WEIGHT	LENGTH MM	HEIGHT MM	PART NO.
50	0.4	15,000	0.8kg	122	136	64875

Applications

- Use this agile sander for light-medium grinding, finishing and deburring applications.

Die Grinders

3M™ Air-Powered Die Grinder

Introducing the versatile range of 3M™ Air-Powered Die Grinders with choice of operating speeds and power designed to tackle a variety of applications utilising shaft-mounted and 3M™ Roloc+™ products. Ideal for easy use in small and confined areas.

- The compact design and built-in safety features make these the tools of choice for any job.
- 3M™ Greptile™ Gripping material helps provide a more secure grip that can be held with less effort.
- Rear adjustable exhaust feature allows airflow to be directed away from the operator in any preferred direction.
- All models are supplied with a 6mm Collett.



RPM	MOTOR HP	WEIGHT	LENGTH mm	PART NO.
20,000	1	0.77 kg	196.9	25126
18000	1	0.77 kg	196.9	25127
12000	1	0.93 kg	254	25128
8000	1	0.93 kg	254	25129
18000	0.5	0.512 kg	174.6	28345
18000 [extended]	0.5	0.697 kg	269.9	28346
4,000	0.5	0.717 kg	200	28347

Applications

- Powerful 1 HP 3M™ Die Grinders are excellent for optimised results in heavier applications. Lower speed machines feature an offset gear box for higher torque.
- The 0.5 HP models feature a high output air motor. This provides high torque performance resulting in constant speed under load for optimum performance of abrasive product. The 4,000 RPM tool features a planetary gearing system for increased torque.
- Choose the extended shaft grinder where extra reach is needed for cylindrical polishing, buffing and deburring applications.

DISCS

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3M™ Air-Powered Cut Off Wheel Tool

Designed to easily handle a variety of challenging cutting applications. All models feature a powerful 1HP high torque air motor to optimise the cutting performance of 3M™ Cut Off Wheels.

- The compact design and built-in safety features make these the tools of choice for any job.
- 3M™ Greptile™ Gripping Material helps provide a more secure grip that can be held with less effort.
- Adjustable directional exhaust feature allows airflow to be directed away in any direction preferred.



SIZE mm	RPM	WEIGHT	LENGTH mm	HEIGHT mm	PART NO.
75	25000	0.94 kg	196.9	76.2	20233
102	20,000	1.02	196.9	82.6	20234
115	12000	1.49	222.3	133.4	20243
127	12000	1.57	222.3	133.4	20235

Applications

- For heavy duty applications choose the range of 3M Right Angle Cut Off Wheel Tools, featuring a removable side handle. Use with Type 41 115mm and 127mm Cut Off Wheels.
- For lighter applications choose the range of lightweight 3M Straight Shaft Cut Off Wheel Tools. Use with Type 41 75mm and 102mm Cut Off Wheels.
- For use with Cubitron™ II Cut Off Wheels use with the 115mm or 127mm tools.



CUBITRON™ II

3M™ Air-Powered File Belt Sander

Ideally suited for use with 3M™ Abrasive and Scotch-Brite™ Belts for a variety of metalworking applications. Grind, deburr and blend from contact wheel or platen, finish and polish from slack of belt.

- Lightweight, durable construction and 0.6 HP motor helps provide an excellent power to weight ratio.
- Both belt head and handle rotate a full 360 degrees to easily access hard-to-reach areas.
- Innovative belt cover allows easy access for quick belt changes.
- 3M™ Greptile™ Grip gives a comfortable and secure grip.
- Warm composite housing minimises vibration for less operator fatigue.
- 3M exhaust system acts to reduce noise levels, clear debris and maintain cool belt running for enhanced results.



ITEM	WEIGHT	LENGTH mm	UNITS PER CASE	RPM	MOTOR HP	PART NO.
Air-Powered File Belt Sander	1.3 kg	370	50	22,000	0.6	28366

ITEM	SIZE mm	LENGTH mm	UNITS PER CASE	PART NO.
Self Generating Vacuum Bag Adaptor	25mm Ext Hose Thread x 25mm ID	10	10	20453

Applications

- The 3M File Belt Sander comes complete with one standard arm (28368), 3M™ Air Tool Lubricant (20451) and both a steel and rubber drive wheel.
- 3mm–19mm Width x 457mm–610mm Length.

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3M™ Air-Powered Inline Sander

A single system for graining, blending and finishing in stainless steel fabrication. Ideal for flat accessible areas.

- Both models feature a powerful 1 HP high torque air motor to optimise performance in all applications.
- The compact design and fully adjustable side handle collar improve operator control.
- 3M™ Greptile™ Grip material helps provide a more secure grip that can be held with less effort.
- Adjustable exhaust feature allows airflow to be directed away from the operator in any preferred direction.
- Supplied with spindle extension to fit expander wheels and pneumatic drums.



MOTOR HP	RPM	WEIGHT	LENGTH mm	PART NO.
1	1,600	1.51 kg	251	28338
1	3,500	1.2 kg	216	28339

Applications

- 3,500 RPM version is the recommended running speed on most applications to achieve optimum results.
- 1,600 RPM version where a longer scratch pattern is required. Can also be used with Scotch-Brite™ Wheels where a slower running speed is required.
- Rubber Slotted Expander Wheel is used in more demanding surface finishing applications.
- Pneumatic Drums are a less aggressive option to produce a consistent satin finish and to reduce the likelihood of chatter.

Random Orbital Sanders

Air-Powered Elite Series Random Orbital Sanders

Engineered to work hand-in-hand with the 3M™ Abrasives and Accessories you've always trusted, the 3M Air-Powered Elite Random Orbital Sander provides the power and performance to get the job done with even better results.

- Impressive power to weight ratio.
- Perfectly balanced back-up pad designed to work in harmony with the 3M Air-Powered Random Orbital Sander range.
- Superior balance for reduced vibration, smooth running and operator comfort.
- Ready to use with integral swivel hose adaptor.
- Available in a range of orbits and vacuum systems.

9.5mm Diameter Orbit
Most aggressive sanding
Description: Gold 9.5mm



5mm Diameter Orbit
General purpose sanding
Description: Silver 5mm



2.5mm Diameter Orbit
Fine finish sanding
Description: Chrome 2.5mm



3M™ Self-Generated Vacuum Elite Random Orbital Sander

- Supplied with a self-contained dust collection system to effectively trap and contain airborne particles.
- Can also be attached to a central vacuum system.



ITEM	WEIGHT	LENGTH mm	HEIGHT mm	MOS (RPM)	PART NO.
75mm (5mm orbit)	0.75 kg	75 mm	5 mm	12,000	28511
75mm (2.5mm orbit)	0.65 kg	75 mm	2.5 mm	12,000	28513
125mm (5mm orbit)	0.83 kg	127 mm	2.5 mm	12,000	28514
125mm (2.5mm orbit)	0.85 kg	127 mm	5 mm	12,000	28515
150mm (5mm orbit)	0.87 kg	152 mm	2.5 mm	12,000	28516
150mm (2.5mm orbit)	0.90 kg	152 mm	5 mm	12,000	28517



RPM	Vacuum	Motor HP
12,000	Self-Generated	0.28

3M™ Central Vacuum Elite Random Orbital Sander

- Supplied ready with swivel hose adaptor to attach to any central vacuum system for efficient evacuation of dust and debris.



ITEM	WEIGHT	LENGTH mm	HEIGHT mm	MOS (RPM)	PART NO.
75mm (2.5mm orbit)	0.64 kg	75 mm	2.5 mm	12,000	28505
125mm (5mm orbit)	0.84 kg	127 mm	5 mm	12,000	28506
125mm (2.5mm orbit)	0.83 kg	127 mm	2.5 mm	12,000	28507
150mm (5mm orbit)	0.90 kg	152 mm	5 mm	12,000	28508
150mm (2.5mm orbit)	0.87 kg	152 mm	2.5 mm	12,000	28509



RPM	Vacuum	Motor HP
12,000	Central	0.28

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3M™ Electric Random Orbital Sander

The powerful and beautifully balanced 3M™ Electric Random Orbital Sander, incorporating an efficient self generated dust extraction system, is designed to work hand-in-hand with the 3M™ Abrasives and Accessories you already trust.

- Ergonomic grip for better handling and operator comfort.
- Close rubber skirt and shroud for improved dust extraction.
- Powerful 450 watt motor for shorter processing times.
- Robust design for longer life.
- Variable speed for greater versatility.



RPM	Vacuum	Motor HP
5,000 – 10,000	Self-Generated / Central	450

SIZE mm	VOLTAGE	WEIGHT	CURRENT	PART NO.
150 (3mm orbit)	240V	2.1 kg	2A	64385
150 (5mm orbit)	240V	2.1 kg	2A	64381
150 (5mm orbit)	110V	2.1 kg	4A	64382

- Increased efficiency, improved comfort.
- The new 3M Electric Random Orbital Sander is designed to work hand-in-hand with the 3M products you already trust.
- The back-up pad and tool are precision balanced to work in harmony reducing vibration.

Random Orbital Sanders

3M™ Two-Hand Random Orbital Sander

- A very compact and lightweight orbital sander. The right-angle design means that it is easy to see the area being sanded for improved accuracy and ease of use.
- Includes 3M™ Finesse-it™ Stikit™ Hard Pad 3125H.



RPM	Vacuum	Motor HP
12,000	Non-Vacuum / Central	0.46



SIZE mm	WEIGHT	LENGTH mm	HEIGHT mm	PART NO.
150 (9.5mm orbit)	1.32 kg	328	113	28337

3M™ Mini Random Orbital Sander

- The compact Mini Random Orbital Sander is a light weight nib removal tool for easier control and reduced operator fatigue.
- It has a 3M™ Roloc™ fixing to accept the full range of Finesse-it™ Roloc™ sanding backup pads.
- Includes 3M™ Roloc™ 02345 w/Stikit Face.



SIZE mm	WEIGHT	RPM	MOTOR HP	PART NO.
32 (5mm orbit)	0.45 kg	8,000	0.27	63374

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3M™ Air-Powered Orbital Sanders

Designed to maximise finishing performance on flat surfaces. Ideal for sanding edges, sides and in corners.

- Impressive power to weight ratio.
- Ergonomically designed grip for improved handling and ease of use .
- Perfectly balanced to help reduce vibration, for smooth running and operator comfort.



3M™ Self-Generated Vacuum Orbital Sander

RPM	Vacuum	Motor HP
10,000	Self Generated	0.24



SIZE mm	WEIGHT	LENGTH mm	HEIGHT mm	PART NO.
75 x 100	0.72 kg	142.3	83.5	20431

- Supplied with a self-contained dust collection system to effectively trap and contain airborne particles.
- Can also be attached to a central vacuum system.

3M™ Central Vacuum Orbital Sander

RPM	Vacuum	Motor HP
10,000	Central	0.24



SIZE mm	WEIGHT	LENGTH mm	HEIGHT mm	PART NO.
75 x 100	0.69 kg	139.3	83.5	20430

- Supplied ready with swivel hose adaptor to attach to any central vacuum system for efficient extraction of dust and debris.

3M™ Air-Powered Nib Removal Sander

- A very compact and lightweight orbital sander. The right-angle design means that it is easy to see the area being sanded for improved accuracy and ease of use.
- Includes 3M™ Finesse-it™ Stikit™ Hard Pad 3125H.



HEIGHT mm	SIZE in	WEIGHT	LENGTH mm	PART NO.
104	1-1/4 x 3/16	0.30 kg	193	28737



RPM	Motor HP
8,000	0,48

3M™ Air-Powered Buffer

- The right angle shape of this 3M™ Buffer allows operators to reach difficult areas whilst its large orbital action allows for faster polishing.
- The tool is ergonomically designed for reduced vibration and comfort in use.



HEIGHT mm	SIZE mm	WEIGHT	LENGTH mm	PART NO.
99.6	75 (12mm orbit)	0.82 kg	233	28333



RPM	Motor HP
8,000	0.26

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3M™ Electric Polisher

The 3M™ Electric Polisher is engineered to work hand-in hand with the 3M™ Compound, Pads and Accessories you already trust.

- A powerful 1100 watt motor for better handling and shorter processing times.
- Spindle locking button for quick easy pad change and greater operator efficiency.
- Designed to rest on its back to keep the pad contamination free.
- Variable speed for greater versatility.



CURRENT	SIZE mm	VOLTAGE	WEIGHT	PART NO.
10.6A	200	110V	1.9 kg	64394
5.3A	200	240V	1.9 kg	64393



RPM	Power (Watt)
700 – 1,850	1,100

3M™ Finesse-it™ Kit

- A portable system for the removal of small scratches and imperfections on paint, perspex and solid surface to achieve perfect finishes.
- Coordinated components of the system guarantee efficiency and process stability.

The kit contains:

- Microfinishing and 3M™ Trizact™ discs
- Polishing pads and compounds
- Sanding accessories

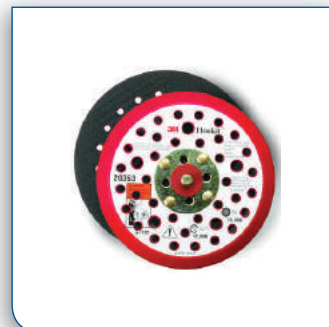


PART NO.
65000

3M™ Hookit™ Low Profile Back-Up Pad

Patent pending system for collecting dust when using SGV sanders. Eliminates the need for cumbersome vacuum hoses.

UNITS PER CASE	SIZE mm	PATTERN	MAX RPM	UNITS PER PACK	PART NO.
10	75	3 Holes	12,000	10	20350
10	125	44 Holes	12,000	10	20353
10	150	50 Holes	12,000	10	20465



3M™ Self Generating Vacuum Bag

Patent pending system for collecting dust when using SGV sanders. Eliminates the need for cumbersome vacuum hoses.

UNITS PER CASE	ITEM	DIMENSIONS mm	UNITS PER PACK	PART NO.
50	Self Generating Vacuum Bag	280 x 125	10	20452
10	Self Generating Vacuum Bag Adaptor	25mm Ext Hose Thread x 25mm ID	10	20453



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File Belt Sander Arm Attachments

A variety of attachment arms are available to suit a diverse range of applications.



BELT SIZE mm	ITEM	DESCRIPTION	MOQ	REACH mm	PART NO.	
13 x 457	Standard Arm	For use on contact wheel or platen	1	150	28368	
13 x 457	Thin Arm	For access to narrower areas/channels	1	150	28369	
13 x 457	Comers 1 Arm	Sand channel and grooves with contact wheel and strapping on slack of belt	1	140	28370	
19 x 457	Thick Standard	Thicker than standard arm for use with wider belts on contact wheel or platen	1	150	28371	
3 x 457	Narrow Channel Arm	Sand channel and grooves with narrow belt on contact wheel or strapping on slack of belt	1	140	28372	
19 x 520	520mm Arm	For use with wider belts on contact wheel or platen where extra reach is needed	1	175	28373	
13 x 457	Curved	For blending flat areas on platen	1	150	28374	
6 x 610	Vessel	Sand channel and fillet areas on contact wheel or strapping on slack of belt	1	190	28375	
610	File Belt Sander Extension	Used to extend arms to 610mm length. Can be used with same attachment arms used for 457mm length arms.	-	225	28376	

Grade Comparison Chart

Europe FEPA	3M Cubitron™ II Abrasives			3M Trizact™ Abrasives	Micron Grade	Flexible Diamond Grade*	USA ANSI	Scotch-Brite™		
								Handpads / Rolls	Wheels / Brushes	Belts / Discs
P9000					3					
P3800					6					
P3000				A6	7		1200	Extra Fine		
P2500					9		1000		Ultra Fine	
P2000						N10 (Blue)	800	Ultra Fine	Super Fine	Super Fine
P1500									Very Fine	
P1200				A16	15		600	Super Fine		
P1000				A20	20		500		Fine	
P800						N20	400	Very Fine		Very Fine
P600				A30			360			
P500				A40	30			Fine		
P400				A45			320			
P360					40	N40	280	Medium	Medium	
P320				A60						
P280				A65			240			
P240				A80	60			Coarse	Coarse	Medium
P220				A90			220		X Coarse	
P200				A100		N74				
P180				A110			180			Coarse
P150				A130	100		150			
P120				A160		N125	120			Heavy Duty
P100					180					SE ACRS
P80				A300			100			Super Duty
P60			80+	A400		N250	80			
P50		60+					60			
P40				A500			50			
P36							36			
P30	36+									
P24							30			
P16										

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3M™ Cubitron™ Coated Abrasive Belts

Product Application Chart

3M™ Cubitron™ Coated Abrasive Belts Product Application Chart

Machine Type										
Material	Robotic	Portable File Belt Machines	Power Grinding (High Pressure)	Toolpost Linisher Dry	Stroke Sander	Platen Sander	Backstand Pressures Medium Light	Centreless & Flat Finisher Dry Wet		
Mild Steel		777F 964F		964F	747D	964F	964F 947A	964F 947A	977F	977F
Tool Steels & SG Iron	964F	777F 964F	967F 984F	964F		964F	967F 977F 984F	964F	977F	977F
Stainless & Cobalt	907E 967F 984F	777F 947D 977F	967F 977F 984F	977F	747D 907E 947D	707E 777F 907E 947D	947D 967F 977F 984F 947A	947A 907E 947D 777F	977F	977F
Aluminium		777F 964F	974F	964F			964F 974F	964F	964F	
Nickel Alloys	967F 984F	777F 947F 977F	967F 977F 984F	977F		777F 907E	947D 967F 977F 984F	947D 907E	977F	977F
Titanium	967F	977F	967F				967F	967F		977F

3M CODE	3M 707E	3M 747D	3M 777F	3M 907E	3M 947D	3M 964F	3M 967F	3M 974F	3M977F
Backing Type	Flexible JE wt.	Semi-Flexible X wt.	Stiff YF wt.	Flexible JE wt.	Semi-Flexible X wt.	Stiff YF wt.	Stiff YF wt.	Stiff YF wt.	Stiff YF wt.
Grinding Aid	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Use: Dry/Wet	Dry	Dry	Dry/Wet	Dry	Dry	Dry/Wet	Dry	Dry	Dry/Wet
Pressure	Medium	Medium	Medium	Medium	Medium	Medium	High	High	High
Grit Range	P240								
	P220								
	P180								
	P150								
	P120								
	P100								
	P80								
	P60								
	P50								
	P40								
	P36								
	P25								



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