

# Specialty Abrasives

## 3M™ Cartridge Rolls

Cartridge rolls are ideal for getting into small, hard to reach spaces. As they wear, the wrapped layers of the cartridge roll continuously expose fresh abrasive layers for continued cutting action. Available in regular and tapered construction.

### 3M™ Cartridge Rolls 341D

- Aluminum oxide on an X wt cloth backing
- Long life and fast cut
- General purpose cartridge rolls at a value price



UPC	Dia x L x CH	Grade	Max RPM	Qty/Case
<b>Regular</b>				
051144-96959-3	1/4" x 1" x 1/8"	P60	24,000	100
051144-14021-3	1/4" x 1" x 1/8"	P80	24,000	100
051144-96961-6	1/4" x 1" x 1/8"	P120	24,000	100
051144-96963-0	1/4" x 1" x 1/8"	P180	24,000	100
051144-96968-5	1/4" x 1-1/2" x 1/8"	P60	24,000	100
051144-96969-2	1/4" x 1-1/2" x 1/8"	P80	24,000	100
051144-96971-5	1/4" x 1-1/2" x 1/8"	P120	24,000	100
051144-96973-9	1/4" x 1-1/2" x 1/8"	P180	24,000	100
051144-14024-4	3/8" x 1" x 1/8"	P60	24,000	100
051144-14023-7	3/8" x 1" x 1/8"	P80	24,000	100
051144-14022-0	3/8" x 1" x 1/8"	P120	24,000	100
051144-97008-7	3/8" x 1" x 1/8"	P180	24,000	100
051144-97013-1	3/8" x 1-1/2" x 1/8"	P60	24,000	100
051144-97015-5	3/8" x 1-1/2" x 1/8"	P120	24,000	100
051144-97017-9	3/8" x 1-1/2" x 1/8"	P180	24,000	100
051144-97041-4	1/2" x 1" x 1/8"	P60	24,000	100
051144-97042-1	1/2" x 1" x 1/8"	P80	24,000	100
051144-97044-5	1/2" x 1" x 1/8"	P120	24,000	100
051144-14028-2	1/2" x 1-1/2" x 1/8"	P60	24,000	100
051144-14027-5	1/2" x 1-1/2" x 1/8"	P80	24,000	100
051144-14026-8	1/2" x 1-1/2" x 1/8"	P120	24,000	100
051144-97059-9	1/2" x 1-1/2" x 1/8"	P180	24,000	100
051144-97162-6	3/4" x 1-1/2" x 3/16"	P60	16,000	100
051144-97163-3	3/4" x 1-1/2" x 3/16"	P80	16,000	100
051144-97165-7	3/4" x 1-1/2" x 3/16"	P120	16,000	100

### 3M™ Cartridge Rolls 341D (cont)

UPC	Dia x L x CH	Grade	Max RPM	Qty/Case
<b>Full Taper</b>				
051144-97239-5	3/8" x 1" x 1/8"	P60	24,000	100
051144-97240-1	3/8" x 1" x 1/8"	P80	24,000	100
051144-97242-5	3/8" x 1" x 1/8"	P120	24,000	100
051144-97244-9	3/8" x 1" x 1/8"	P180	24,000	100
051144-97248-7	3/8" x 1-1/2" x 1/8"	P60	24,000	100
051144-97249-4	3/8" x 1-1/2" x 1/8"	P80	24,000	100
051144-97251-7	3/8" x 1-1/2" x 1/8"	P120	24,000	100
051144-97257-9	1/2" x 1" x 1/8"	P60	24,000	100
051144-97259-3	1/2" x 1" x 1/8"	P120	24,000	100
051144-14034-3	1/2" x 1-1/2" x 1/8"	P60	24,000	100
051144-14033-6	1/2" x 1-1/2" x 1/8"	P80	24,000	100
051144-14032-9	1/2" x 1-1/2" x 1/8"	P120	24,000	100
051144-97267-8	1/2" x 1-1/2" x 1/8"	P180	24,000	100

### 3M™ Cartridge Rolls 747D

- 3M ceramic aluminum oxide blend abrasive grain on an X wt cloth backing
- Long life and fast cut
- Contains grinding aid for cooler cutting on heat sensitive alloys



UPC	Dia x L x CH	Grade	Max RPM	Qty/Case
<b>Regular</b>				
051144-80790-1	1/2" x 1-1/2" x 1/8"	60	24,000	100
051144-80796-3	1/2" x 1-1/2" x 1/8"	80	24,000	50
051144-80792-5	1/2" x 1-1/2" x 1/8"	P120	24,000	100
<b>Full Taper</b>				
051144-80786-4	1/2" x 1-1/2" x 1/8"	60	24,000	100
051144-80787-1	1/2" x 1-1/2" x 1/8"	80	24,000	100
051144-80788-8	1/2" x 1-1/2" x 1/8"	P120	24,000	100

## 3M™ Power Tools: Specialty Abrasives

### 3M™ Match and Finish Sander: 1 HP (744W)




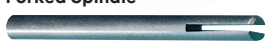


- Generate straight-line scratches for finishing stainless steel and other metals
- Front to back motion helps prevent curved scratches
- Easy to control for reduced start/stop marks
- Easy screw-on/screw-off attachments
- Design for use with Scotch-Brite™ Match and Finish Flap Brushes, 3M™ Abrasive Belts or Scotch-Brite™ Belts\*



UPC	Model	Shaft Size	Max RPM	Weight Pound (kg)	Length Inch (mm)	Air Inlet Thread	Airflow Rate SCFM (LPM)
051141-28659-4	28659	4" x 5/8-11 EXT	3,500	4.6 (2.1)	13.5 (343)	1/4" NPT	37 (1,048)

\*To run belt products, 3M™ Expander Wheel (28718) and Adapter Kit (28719) are required

## Accessories: Specialty Abrasives

Product	UPC	For Use With	Size/Description	Max RPM	Qty/Case
<b>Mandrel 944</b> 	048011-13928-9	Scotch-Brite™ Stars for cleaning and polishing internal diameters of pipe and tubing	1/4" x 1/4-20 EXT	25,100	1
<b>3M™ Mandrels</b> 	051144-45119-7	Screw-type mandrels for securing cartridge rolls to tool	1/8" x 1" x 1/4"	24,000 (1/2" and smaller cartridge roll diameter); 16,000 (5/8" - 3/4" cartridge roll diameter)	25
	051144-45117-3	Screw-type mandrels for securing cartridge rolls to tool	3/16" x 1" x 1/4"		25
	051144-45118-0	Screw-type mandrels for securing cartridge rolls to tool	3/16" x 1-1/2" x 1/4"		25
<b>3M™ Square and Cross Pad Mandrel</b> 	051144-14308-5	Used for holding square and cross pads with 1/4-20 and 8-32 internal threaded inserts	1/4" x 1/4-20 EXT	Dependent upon abrasive product used	1
	051144-14307-8		1/4" x 8-32 EXT		1
	051141-28385-2		1/4" x 3-48 EXT		5
<b>Forked Spindle</b> 	051144-45121-0	For attaching utility cloth strips	3" x 1/16" x 3/4" x 1/4"	N/A	10
<b>For 3M™ Match and Finish Sander</b>					
<b>3M™ Rubber Slotted Expander Wheel</b> 	051141-28718-8	Rubber Slotted Expander Wheel for use with 3-1/2" x 15-1/2" belts	5" x 3-1/2" x 1" AH	3,500	1
<b>3M™ Rubber Slotted Expander Adapter Kit</b> 	051141-28719-5	Inline sander, bench grinders, bench motors, benchtop tools	1" x 5/8-11 INT	3,500	1