



Science.
Applied to Life.™

NEW!

Scotch-Brite™
Debur & Finish PRO
Unitized Discs
and Wheels

Finish like a PRO



From finishing and blending to light deburring, these smooth-running wheels can help you get the job done faster!

Scotch-Brite™



Versatile performance from factory to field

Scotch-Brite™ Deburr & Finish PRO Unitized Wheels are ideal for both OEM use and for maintenance operations. They are soft, to reduce defects, yet wear like iron, for fewer wheel changeouts. These hard-working, high-performance products quickly blast through dirt, corrosion and other contaminants without loading and without changing part geometry – helping you get the job done faster.

Faster, more consistent performance compared to the leading competitive wheel!

- 30 to 50% faster burr removal
- Up to 3× longer wheel life in deburring applications
- Minimal dust and debris – less dust equals less cleanup
- Improved operator “feel”
- Minimizes overcutting – results in fewer rejects

Ready for Anything



The Science of 3M Precision-Shaped Grain

Traditional non-woven abrasive products are constructed from particles of irregular-shaped abrasive materials, such as aluminum oxide, bound to a nylon web.

In our new Scotch-Brite™ Deburr & Finish PRO Unitized Wheels, conventional abrasive particles have been replaced with our proprietary ceramic precision-shaped grain. The hardness of the ceramic material, combined with the self-sharpening grain, provides longer life and helps you get the job done faster – without sacrificing the smooth feel and control you expect from Scotch-Brite abrasives.



Applications

Automotive

Machined gears, other components
Mild steel, hardened steel

Aerospace

Rotors, shrouds, buckets, ducting
Titanium, aluminum alloys

Metal Fabrication

Various machined parts
Mild steel, stainless steel

Oil & Gas

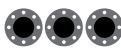
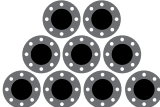




Threaded pipes and
other tubular goods

**Try Scotch-Brite
Deburr & Finish
PRO – and see
the performance
advantages for yourself!**

Comparing cost-of-ownership

These are typical real-world results that customers have obtained using Scotch-Brite Deburr & Finish PRO wheels compared to traditional deburring wheels.

Contact your local 3M representative to see how new Scotch-Brite Deburr & Finish PRO wheels can help you improve productivity!

	Traditional Deburring Wheel	NEW Scotch-Brite Deburr & Finish PRO
Parts Per Wheel		
Labor per piece	00:50 seconds	00:38 seconds
Reject Rate		
Operator Feel		
Customer Productivity	\$\$	\$\$\$\$\$\$

Do you use flap brushes, cartridge rolls or other specialty abrasives in your process? You may be able to improve performance and productivity by switching to Scotch-Brite Deburr & Finish PRO wheels!

Potential advantages:

- Longer life
- Faster burr removal
- Smoother feel
- Less dusting & debris
- Better finish

Scotch-Brite™ Roloc™ TR Deburr & Finish PRO Unitized Wheel

UPC	Size (inches) (diameter × thickness × center hole)	Max RPM	Density	Grade	Qty/ Case
076308-77115-7	2 × ¼ × NH	22,100	4C	MED+	60
048011-65081-4	2 × ⅛ × NH	22,100	6C	MED+	120
048011-65082-1	2 × ¼ × NH	22,100	6C	MED+	60
076308-77116-4	3 × ¼ × NH	15,100	4C	MED+	40
048011-65084-5	3 × ⅛ × NH	15,100	6C	MED+	40
048011-65083-8	3 × ¼ × NH	15,100	6C	MED+	40

Scotch-Brite™ Deburr & Finish PRO Unitized Disc

UPC	Size (inches) (diameter × center hole)	Max RPM	Density	Grade	Qty/ Case
076308-77122-5	4 ½ × 7/8	12,100	6C	MED+	5

Scotch-Brite™ Deburr & Finish PRO Unitized Wheel

UPC	Size (inches) (diameter × thickness × center hole)	Max RPM	Density	Grade	Qty/ Case
048011-65017-3	1 × 1 × 3/16	35,100	6C	MED+	50
048011-65057-9	2 × ⅛ × ¼	22,100	6C	MED+	60
048011-65018-0	2 × ¼ × ¼	22,100	6C	MED+	60
048011-65019-7	2 × ½ × ¼	22,100	6C	MED+	30
048011-65020-3	2 × ¾ × ¼	22,100	6C	MED+	20
048011-65058-6	2 × 1 × ¼	22,100	6C	MED+	10
048011-65021-0	3 × ⅛ × ¼	18,100	6C	MED+	40
076308-77111-9	3 × ¼ × ¼	18,100	4C	MED+	40
048011-65004-3	3 × ¼ × ¼	18,100	6C	MED+	40
076308-77110-2	3 × ½ × ¼	18,100	4C	MED+	20
048011-65007-4	3 × ½ × ¼	18,100	6C	MED+	20
048011-65022-7	3 × ¾ × ¼	15,100	6C	MED+	20
048011-65005-0	3 × 1 × ¼	15,100	6C	MED+	10
076308-77103-4	4 × 1 × ¼	12,100	6C	MED+	5

Typical use: on backstand or bench motor

048011-65078-4	5 × ¼ × ¼	9,000	6C	MED+	10
048011-65079-1	5 × ½ × ¼	9,000	6C	MED+	5
076308-77109-6	6 × ⅛ × 1	7,500	6C	MED+	16
076308-77108-9	6 × ¼ × 1	7,500	6C	MED+	8
048011-65074-6	6 × ½ × ½	7,500	6C	MED+	4
048011-65076-0	6 × ½ × 1	7,500	6C	MED+	4
048011-65097-5	6 × 1 × ½	7,500	6C	MED+	2
048011-65075-3	6 × 1 × 1	7,500	6C	MED+	2

Made-to-order sizes

076308-77119-5	Available in sizes up to 14" diameter.	4C	MED+
076308-77101-0		6C	MED+

3M™ Tools and Accessories for use with Roloc™ Wheels

UPC	Product Description	Max RPM	Qty/Case
051141-28329-6	3M™ Disc Sander, ½ HP, 2–3"	12,000	1
051141-20231-0	3M™ Disc Sander, ½ HP, 2"	20,000	1
048011-15408-4	3M™ Roloc™+ Holder	25,000	5

3M™ Tools for use with 4 ½" Unitized Discs

UPC	Product Description	Max RPM	Qty/Case
051141-28824-6	3M™ Grinder T27, 1½ HP, 4 ½"	12,000	1

3M™ Tools and Accessories for use with Wheels with Center Hole

UPC	Product Description	Max RPM	Qty/Case
051141-28330-2	3M™ Die Grinder, ½ HP	18,000	1
051141-28331-9	3M™ Extended Shaft Die Grinder, ½ HP	18,000	1
048011-04018-9	936 unitized mandrel for 1 × 1 × 3/16" wheels	22,200	5

► Available in 2 densities:

- 4C for finishing and blending
- 6C for deburring



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