

FLEXIBLE DIAMOND PRODUCTS

Flexible Diamond Hand Pads

Amplex's color-coded hand pads combine the durability and aggressiveness of diamond on a high strength, flexible backing.

Typical Applications

Conventional Hand Pads

- Shaping, rapid stock removal, touch-up and repair on ceramics, stone, marble, glass, composites and hard materials
- Polishing dies and molds

Quadroflex Curved Hand Pads

- Aircraft composites: surface conditioning, repairs, and removing flash and burrs
- Windmill blades: surface conditioning and repairs



BETTER Diamond Hand Pads – Conventional and Quadroflex curved

FEATURES

- Lightweight conformable backing
- Color coded
- Conventional hand pads: precision dot pattern
- Quadroflex curved hand pad **new!**

BENEFITS

- Adaptable to a variety of shapes and conditions
- Durable, long life
- Uniform finishes; improved surface quality
- Can be used wet or dry
- No dressing required
- Eases identification
- Aggressive, consistent, fast cut rate, reduces dust and loading
- Ergonomic advantages, overall lower cost

SIZE L X W	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
DIAMOND HAND PADS				
3-1/2 x 2-1/8	Green	60	HP60	66260306360
	Black	120	HP120	66260306361
	Red	200	HP200A	66260306362
	Yellow	400	HP400	66260305852
	White	800	HP800	66260306363
	Blue	1800	HP1800	66260306364
	Kit (one each of above)			HPK-6

STANDARD PACKAGE = 1 HAND PAD

SIZE L X W	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
QUADROFLEX DIAMOND HAND PADS new!				
3-1/2 x 2-1/8	Green	60	QHP60	69014121517
	Black	120	QHP120	69014121518
	Red	200	QHP200	69014123529
	Yellow	400	QHP400	69014123530
	White	800	QHP800	69014123531

STANDARD PACKAGE = 1 HAND PAD

Flexible Diamond PSA Discs

Diamond PSA (pressure sensitive adhesive backed) discs are used in applications where the sharpness of diamond facilitates fast stock removal. The PSA backing allows for quick and easy mounting and removal.

Typical Applications

- Grinding glass, ceramics and composites
- Removing rust and scale on other materials
- Producing metallurgical stamps and coupons



FLEXIBLE DIAMOND PRODUCTS

SIZE	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
FLEXIBLE DIAMOND PSA DISCS				
2" x no hole	Green	60	FDD2P60	66260308159
	Black	120	FDD2P120	66260307722
	Red	200	FDD2P200	66260307723
	Yellow	400	FDD2P400	66260308160
	White	800	FDD2P800	66260307012
5" x no hole	Green	60	FDD5P60	66260307839
	Black	120	FDD5P120	66260307838
	Red	200	FDD5P200	66260307019
	Yellow	400	FDD5P400	66260307960

STANDARD PACKAGE = 1 DISC

SIZE	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
FLEXIBLE DIAMOND PSA DISCS (CONT'D)				
6" x no hole	Green	60	FDD6P60	66260306381
	Black	120	FDD6P120	66260306382
	Red	200	FDD6P200	66260306383
	Yellow	400	FDD6P400	66260308161
8" x No Hole	Green	60	FDD8P60	66260306389
	Black	120	FDD8P120	66260306387
	Red	200	FDD8P200	66260306388
	Yellow	400	FDD8P400	66260311769
	White	800	FDD8P800	66260306386
	Blue	1800	FDD8P1800	66260306390

Contact your Norton/Amplex distributor for additional made-to-order, flexible diamond discs (PSA, hook and loop, Speed-Lok), sheets and belts.

Flexible Diamond Speed-Lok TR Discs

These diamond discs provide improved cut rate and finish on ceramic, glass, composites, carbide and other tough metals and coatings.

Typical Applications

- Grinding:
 - Ceramic and glass
 - Composites
 - Carbide and ceramic coatings
 - Fiberglass and reinforced plastics



BETTER Flexible Diamond Speed-Lok TR Discs

FEATURES	BENEFITS
• Unique abrasive pattern	• Increased aggressiveness, durability and lower costs versus standard diamond discs
• Speed-Lok TR fastener	• Rapid, tool-free disc changes mean maximum grind time
	• Discs stay firmly locked to back-up pad when in use

SIZE	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
FLEXIBLE DIAMOND SPEED-LOK TR DISCS				
2" Speed-Lok TR	Green	60	FDD2SL60	66260311778
	Black	120	FDD2SL120	66260311779
	Red	200	FDD2SL200	66260311780
	Yellow	400	FDD2SL400	66260311781
	White	800	FDD2SL800	66260311782

STANDARD PACKAGE = 12 DISCS

SIZE	COLOR	GRIT SIZE	BETTER	
			PRODUCT NO.	UPC NO.
FLEXIBLE DIAMOND SPEED-LOK TR DISCS				
3" Speed-Lok TR	Green	60	FDD3SL60	66260311783
	Black	120	FDD3SL120	66260311784
	Red	200	FDD3SL200	66260311785
	Yellow	400	FDD3SL400	66260311786
	White	800	FDD3SL800	66260311787

See Coated Abrasives Disc sections for back-up pads.

NORTON

QUADROFLEX™ DIAMOND FLEXIBLE SHEETS AND HAND PADS FOR HAND APPLICATIONS

Industry-Leading Ergonomic and Economic Solutions

Patented, Durable Quadroflex-Patterned Diamond on a High-Strength Flexible Backing

Our flexible, self-dressing, non-loading Quadroflex diamond sheets and hand pads excel on repair, surface conditioning, and flash and burr removal, providing fast, uniform stock removal, and improved surface quality and finishes. They can be used wet or dry.

The Ideal Choice for Aerospace Composite and Wind Blade Hand Applications

- **Conformable shape reduces operator effort**
- **Non-binding, free-cutting Quadroflex pattern**
- **Sharp diamond delivers superior cut rates and long life**
- **Significantly outlast conventional coated products**
- **Lowest overall cost**

Grit Availability

COLOR CODE	MESH	MICRON
GRAY	50/60	297
GREEN	60/70	250
BLACK	120/140	126
RED	200/230	74
PURPLE	270/325	54
YELLOW	400	30/40
WHITE	800	10/20



For High Stock Removal

Q1 Quadroflex Open Pattern
(6mm x 6mm)
Grit availability: 50 and 60



For Moderate Stock Removal and Surface Conditioning

Q2 Quadroflex Compacted Pattern
(3mm x 3mm)
Grit availability: 120, 200, 270, 400 and 800

QUADROFLEX DIAMOND FLEXIBLE SHEETS AND HAND PADS FOR HAND APPLICATIONS



Quadro-Fit Pro™ Interchangeable Diamond Hand Finishing System

- With Quadroflex hook and loop flexible diamond sheets and ergonomic palm pad
- Ergonomic shape reduces hand and arm fatigue.
- Our palm pad's larger size provides a comfortable grip for larger hands.
- Pad angle directs proper force to the cutting zone, increasing cutting efficiency.
- Quick Release System (QRS; hook and loop) facilitates quick sheet changes.

QRS Hook and Loop Sheet Stock Availability

SIZE (W X L)	COLOR	GRIT	UPC NO.
3-1/4" x 5"	Green	60	69014133481
3-1/4" x 5"	Black	120	69014133483
3-1/4" x 5"	Red	200	69014133485
3-1/4" x 5"	Yellow	400	69014133487
5" QRS Hook and Loop Ergonomic Palm Pad			63642503147

Quadroflex Diamond Curved Hand Pads

- Quadroflex pattern reduces loading and excels on fully cured aerospace composites.
- Significantly longer life vs. conventional abrasives

Curved Hand Pad Stock Availability

SIZE (W X L)	COLOR	GRIT	UPC NO.
2-1/8" x 3-1/2"	Green	60	69014121517
2-1/8" x 3-1/2"	Black	120	69014121518
2-1/8" x 3-1/2"	Red	200	69014123529
2-1/8" x 3-1/2"	Yellow	400	69014123530
2-1/8" x 3-1/2"	White	800	69014123531

Ask your Norton distributor about our other Quadroflex diamond made-to-order products: Speed-Lok, PSA, foam- and CV canvas-backed discs, profile hand pads, belts and files. Also available: hand pads in the Flexis™ (uniform dot) and Telum™ (interlocking arrows) patterns.

BEST

For most abrasive applications, Norton offers up to three product performance levels – GOOD, BETTER and BEST. Quadroflex Diamond Products are in the BEST tier. They represent products that are unmatched in the industry and provide the lowest total cost for the application.

To put Norton abrasives to work for you, call your local Norton distributor or visit our website at www.nortonabrasives.com to view our online catalog and learn about our latest products and applications.



YOUR SOURCE FOR COST-SAVING ABRASIVE SOLUTIONS™

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FORM #8104

