

NEW!

Spectrum Wheels

Metal Finishing Solutions



Spectrum Wheels



New Unique Color Code

- New concept of identifying Unitized Wheels
- Color coded for ease of use and reference
- Quick determination of the grades and grits of Wheels

- Red: Aggressive stock removal
- Grey: Blending of welds and deburring
- Blue: Light deburring and satin finishing
- Green: Bright polishing

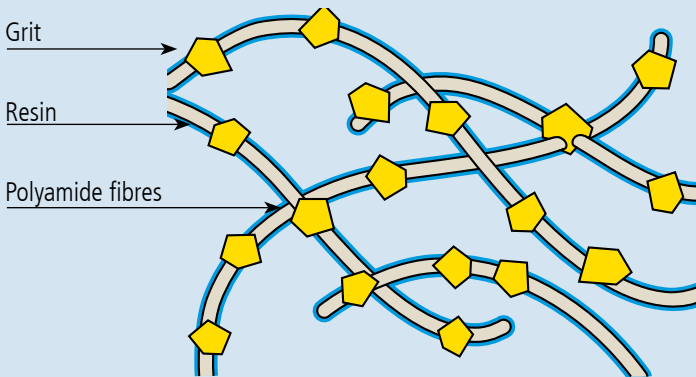
Further Advantages

- Designed by users
- Consistent performance over the whole product lifetime
- More flexible and conformable than previous generations
- Improved performance on titanium compared to other unitized wheels
- Time savings thanks to color code

sia Abrasives' Spectrum Wheels Application Areas

- Stainless Steel, Aluminum Fabrication, Titanium, Alloys
- Tubular Work
- Marine
- Aerospace
- Medical Implants

Open structure reduces heat, clogging and glazing



Structure

- Material: Silicon Carbide
- Thickness: 1/8" - 1"
- Density: soft - hard

Properties

- Lifetime: very long
- Stability: strong
- Finish: very good (red, grey)
bright satin (blue)
bright polished (green)

Button-Mount Spectrum Wheels



Color	Sizes	Article-ID	Box Qty/Unit
Red: Removal	2" x 1/4" x BM	5999.2104	60
	3" x 1/4" x BM	5999.2109	20
Grey: Blending	2" x 1/4" x BM	5999.2103	60
	3" x 1/4" x BM	5999.2108	20
Blue: Finishing	2" x 1/4" x BM	5999.2102	60
	3" x 1/4" x BM	5999.2107	20
Green: Polishing	2" x 1/4" x BM	5999.2101	60
	3" x 1/4" x BM	5999.2106	20

Applications and Range



Red: Removal

Applications

- Stainless Steel fillet weld removal
- Deburring sharp edges to a clean radius
- Removal of grinding scratches
- Removal of heavy machine tool marks
- Light deburring of gears, blade trailing and leading edges
- Removing heavy scale from carbon steel, light oxidation from Aluminum and brazing on steel tubing

Ordering Information

Size	Article-ID	Box Qty/Unit
3" x 1/4" x 1/4"	5999.2080	20
6" x 1/4" x 7/8"	5999.2168	8
6" x 1/2" x 7/8"	5999.2192	4

Note: 6" are also available with 1" center hole. Other sizes available on request with minimum order quantities and longer lead times.



Grey: Blending

Applications

- Blending of pits on cast parts
- Blending and refining surfaces of jet blade airfoils
- Blending parting lines from cast jet blades and vanes
- Blending stainless steel surgical instruments, mill marks and machine mismatches
- Removing weld discoloration to give a satin finish
- Stainless steel fillet weld removal from tubular fabrications

Ordering Information

Size	Article-ID	Box Qty/Unit
3" x 1/4" x 1/4"	5999.2079	20
6" x 1/4" x 7/8"	5999.2169	8
6" x 1/2" x 7/8"	5999.2193	4

Note: 6" are also available with 1" center hole. Other sizes available on request with minimum order quantities and longer lead times.



Blue: Finishing

Applications

- Removing discoloration from welds to give a bright satin finish, minor pits and scratches, resins/adhesives overspray and coating
- Deburring edges from surgical instruments
- Breaking edges on Aluminum extrusions
- Removing small imperfections from castings/forgings
- Bright satin finish on stainless steel after weld removal
- Fillet weld finishing on aluminum

Ordering Information

Size	Article-ID	Box Qty/Unit
3" x 1/4" x 1/4"	5999.2078	20
6" x 1/4" x 7/8"	5999.2129	8
6" x 1/2" x 7/8"	5999.2194	4

Note: 6" are also available with 1" center hole. Other sizes available on request with minimum order quantities and longer lead times.



Green: Polishing

Applications

- Polishing fillet areas on jet blades and aircraft parts
- Polishing after weld removal
- Polishing and finishing of medical instruments
- Polishing welds on Stainless Steel sinks
- Polishing machined surfaces and hand tools
- Polishing round tubing

Ordering Information

Size	Article-ID	Box Qty/Unit
3" x 1/4" x 1/4"	5999.2077	20
6" x 1/4" x 7/8"	5999.2128	8
6" x 1/2" x 7/8"	5999.2195	4

Note: 6" are also available with 1" center hole. Other sizes available on request with minimum order quantities and longer lead times.

Business Hours

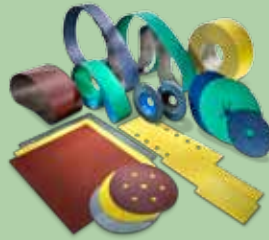
Monday - Friday
8am - 6pm

Customer Service

Phone: +1 800 459 3534
Fax: +1 800 459 3524
orders@sia-abrasives.com

Your Key to a Perfect Surface

sia Abrasives offers the full range of Coated Abrasives. Ask us for other high quality abrasives.



Coated abrasives

Classic flexible abrasives and systems for conventional surface treatment on all types of material.



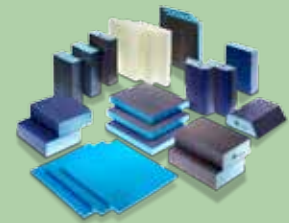
Nonwoven abrasives

Nonwoven products for preparation and cleaning tasks and for surface finishing, especially on metal.



Microabrasives

Products on special polyester film to give defined surface structures in the areas of graphics, optics and the auto industry.



Foam abrasives

Foam sanding pads in the widest possible range of shapes and grades for precision sanding on wood, fillers, paintwork and varnish.

sia Abrasives, Inc. USA

1327-J Wood Branch Drive
Charlotte, NC 28273
United States

www.sia-USA.com

