

## Business Hours

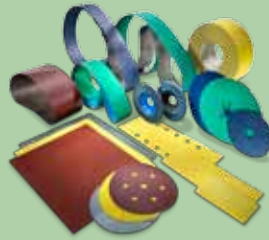
Monday - Friday  
8am - 6pm

## 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.



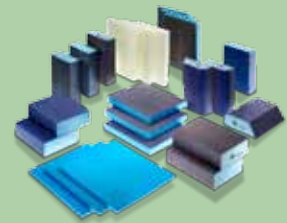
### Nonwoven abrasives

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](http://www.sia-USA.com)



**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

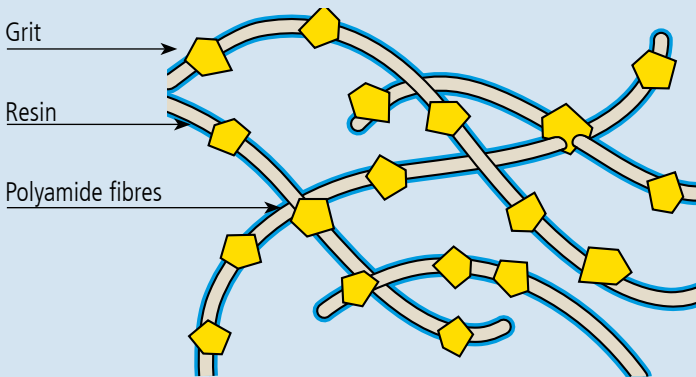
## Further Advantages

- 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.