

Sigma Green Grinding Wheels - Type 27 *Designed for extremely fast grinding*

FOR USE ON

Stainless Steel, Mild Steel, Hard Face, Titanium, Inconel, and Aluminum

FEATURES & BENEFITS

High Performance Grain Combination

Zirconium & Aluminum Oxide
Rapid stock removal

Unique Bonding and Wheel Design

Cooler cutting
Quieter grinding
Chatter free
Less operator fatigue
Virtually Iron Free

WHEEL SPECIFICATIONS

Diameter x Arbor		Max RPM	Grit Size	Part No.	Box Qty.
inch	mm				
4 x 5/8	100 x 16	15,300	36	730001	25
4 x 3/8 - 24	N/A	15,300	36	730014	10
4-1/2 x 7/8	115 x 22.2	13,300	36	730000	25
4-1/2 x 7/8	115 x 22.2	13,300	46	730008	25
4-1/2 x 7/8	115 x 22.2	13,300	60	730009	25
4-1/2 x 5/8 - 11	N/A	13,300	36	730002	10
4-1/2 x 5/8-11	N/A	13,300	46	730017	10
4-1/2 x 5/8 - 11	N/A	13,300	60	730015	10
5 x 7/8	125 x 22.2	12,200	36	730005	25
5 x 5/8 - 11	N/A	12,200	36	730006	10
7 x 7/8	178 x 22.2	8,500	36	730003	25
7 x 5/8 - 11	N/A	8,500	36	730004	10

RESOURCES

To see the fast grinding ability of Sigma Green, visit www.rexcut.com/sigmagreen to watch a demo video.



Angle Grinder

800.225.8182
www.rexcut.com
info@rexcut.com

[youtube.com/user/rexcutabrasives](https://www.youtube.com/user/rexcutabrasives)
twitter.com/rexcut
[linkedin.com/company/rexcut](https://www.linkedin.com/company/rexcut)
[facebook.com/rexcut](https://www.facebook.com/rexcut)

an employee owned company



Improve Your Daily Grind

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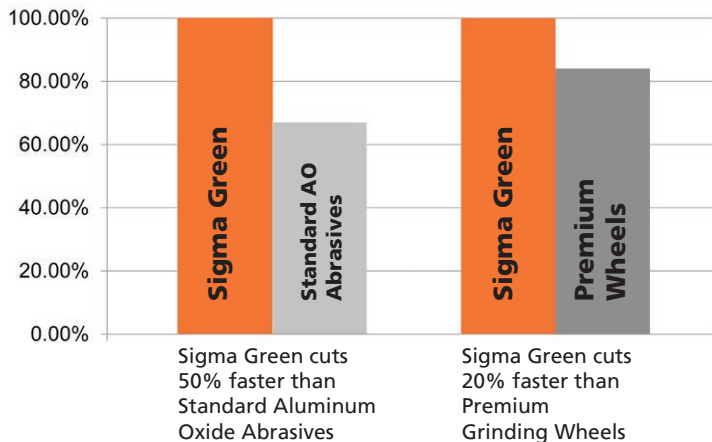
SIGMA GREEN SURFACE FINISH

The specialty grain and bond combination of Sigma Green results in a better finish compared to standard “fast grinding” wheels (100 RA for sigma vs 185 & higher for most other similar wheels). This is achieved by constructing Sigma Green with a layer of coarse grain and a second layer of finer grain. The proprietary bond also aids in better surface finish.

This bond also results in a better balanced, noticeably quieter, and much smoother running grinding wheel, with less chatter and less vibration. This leads to a decrease in operator fatigue.

SIGMA GREEN CUT RATE

Sigma Green Type 27 grinding wheels are made using a combination of high performance grains blended and suspended in a proprietary bond. This combination of grains, along with the special bond, enables Sigma Green to remove metal at a noticeably quicker rate than most other grinding wheels on the market.



The significantly quicker metal removal rate reduces heat generation (by about 15%), eliminates bluing which reduces finishing time, and in turn saves on labor costs.

PRODUCT FEATURES

To summarize, Sigma Green outperforms other grinding wheels in cut rate while leaving a better finish and is easier on the operator.

SURFACE FINISH COMPARISONS

Measured in micro-inches for a value of RA (roughness average)

Grit Size	RA*	Sigma RA**
36	185 – 205	100
46	170 - 195	90
60	140 – 180	80

*Industry data for conventional abrasives on stainless steel

**Rex-Cut RA values are measured with a Mahr Federal Surface analyzer. The values are an average taken from multiple measurements on 304 stainless steel.