

grit-o'cobs[®]

Absorbent, resilient corncob media for metal parts cleaning, polishing, deflashing, deburring, soft grit blasting, and other industrial uses



The  **Andersons[®]**

A History of Worldwide Uses

Grit-O'Cobs® corncob granules have been used in industrial applications since the 1960's. There are over thirty different industrial uses for which Grit-O'Cobs® are regularly employed throughout the world.

How Grit-o'cobs® Are Processed

Grit-O'Cobs® are the result of sophisticated corncob separation and manufacturing processes using The Andersons' uniquely designed machinery in a previously patented process. The corncob is separated into three components: pith, chaff and woody ring. Only the very tough woody ring, which has a Mohs hardness of 4.5, is used for Grit-O'Cobs®. This woody ring fraction is dried, ground, air-cleaned, then graded over screens of various mesh sizes which results in a wide variety of finished grades.

Advantages of Using Grit-O'Cobs®

- Highly absorbent and resistant to breakdown (friability)
- Mild abrasive, can be used on soft or hard surfaces without damage
- Clean, virtually dust free and non-toxic
- 100% organic renewable resource
- Excellent year-round availability
- Experienced sales staff
- Distributed worldwide



A Variety of Industrial Applications

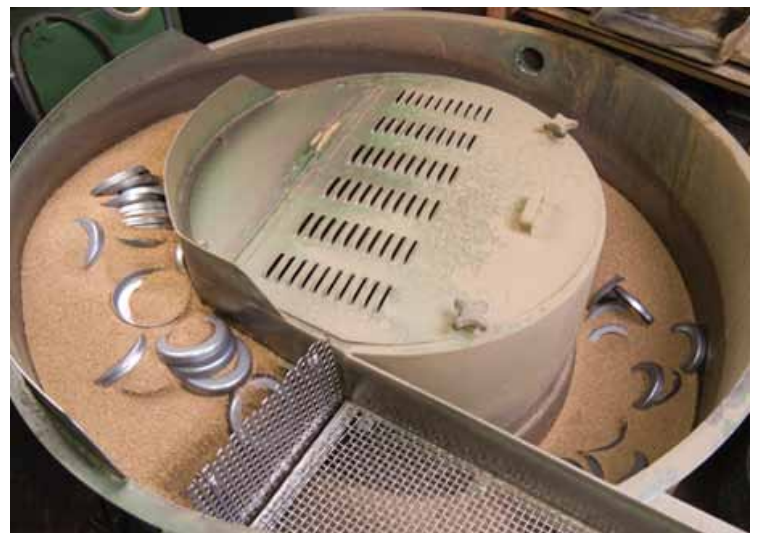
The following industrial uses are listed to provide an overview of the most common applications:

- Deburring and deflashing
- Tumbling and vibratory parts cleaning
- Polishing, drying, removing oil and residue
- Drumming of pelts and fur garments and dry cleaning fur garments
- Blasting media for cleaning masonry, wood, fiberglass, electrical equipment, motors and other materials

Several Particle Sizes Available

Grit-O'Cobs® range from granules approximately 1/4" in size to a fine powder-like form. The product grade represents the screens' mesh size used in sizing.

For example, 814 Grit-O'Cobs® are granules which pass through an 8 (per linear inch) mesh screen and are retained on a 14 mesh screen.



Grit-O'Cobs® Granular Grades to Meet a Variety of Industrial Needs:



1014



1420



2040



4060

Clean, Dry and Polish Parts With This Absorbent, All-Natural Product

Grit-O'Cobs® has excellent absorption properties, allowing for the removal of oil, grease and dirt in one operation. It produces a clean, dry finish on ferrous and non-ferrous metals, and is an excellent way to prepare metal for plating or painting.

There is almost no breakdown of the granules during tumbling and it leaves an exceptionally bright finish. It is virtually dust-free and biodegradable, and parts cleaned with Grit-O'Cobs® are also free of residue.

Soft-grit Blast Cleaning

Grit-O'Cobs® is also a top quality blasting medium because of its mild abrasiveness, absorbency and resistance to attrition. Cell structure of the granules protects the integrity of particles so that dust generation during blasting is very minor. It also traps the substance to be removed thereby helping the cleaning process.

Grit-O'Cobs® can be safely used to blast-clean motors, generators, heavy equipment, boat hulls, insulators, transformers, and buildings made of wood, masonry or brick.

Blast Cleaning Summary of Benefits

- Eliminates most masking since it's not harmful to surfaces (test in an inconspicuous location)
- Eliminates solvents and pollution concerns in disposal
- It's non-sparking, non-toxic, and virtually dust free
- Contains no silica, is organic and biodegradable
- Cleans metal, masonry, wood, glass, plastic, rubber

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The photos below show a blast cleaning container being filled with Grit-O'Cobs®, then before and after images of a hydraulic pump.



Production Capacity and Distribution

A wide variety of corncob-based products are produced by The Andersons cob grit production plant in Delphi, Indiana in the mid-west corn belt. Since 1957, The Andersons has processed corncobs for industrial applications, animal litter (bedding) products, and for many other uses. Today, we sell The Andersons Grit-O'Cobs® throughout the world.



The information and statements herein are believed to be reliable, but not to be construed as a warranty or representation for which The Andersons assume legal responsibility.



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