



# Henan Silk Road Abrasives & Tools

## Walnut Shell Abrasives

Silk Road Abrasives' Walnut Shell Abrasive is a versatile media, carefully crushed, ground, and classified into specific standard mesh sizes for various purposes. They range from abrasives to fine powders. With its ecofriendly, low loss, wide application areas, and a range of advantageous features, Walnut Shell Abrasive finds extensive application in various industrial sectors.

### Advantages of Walnut Shell Blasting/Polishing Media:

**Cost-Effectiveness:** Walnut shell abrasive is a relatively inexpensive media that can be reused, resulting in significant long-term cost savings.

**Environmentally Friendly:** Our walnut shell particles are biodegradable, non-toxic, and silica-free, aiding your company's compliance with stringent environmental regulations.

**Safety:** Walnut shell blasting and polishing processes are non-toxic, generating no dust or pollutants, ensuring a safer work environment for your employees.

**Efficiency:** Walnut shell abrasive blasting offers a more efficient dry finishing process, eliminating the additional time-consuming steps associated with wet blasting.

### Usage

Walnut Shell Abrasive has widespread applications across various industries, including but not limited to:



- Cleaning metal surfaces of automobiles, boats, bridges, and buildings.
- Cleaning aircraft engines and steam turbines.
- Removing paint, flash, burrs, and other defects from plastics, alloy die castings, and electronic products.
- Used for porous materials, polishing materials, water filtration materials, precious metal polishing, jewelry polishing, and more.

### Physical properties

Grain Shape	Sub-angular to Angular
Color	Light Brown
Specific Gravity	1.2 – 1.4
Hardness	Mohs 3-4
Bulk density	depending on grain size

### Typical chemical analysis

Free moisture(80°C for 15 HRS)	6%
Oil Content	0.25%
Dilatability	0.5%
Nitrogen	0.4%

This is a 100% natural product and contains no silica.

### Available grain sizes (Average grain size)

Sandblasting	5# , 6# ,8#,10#,12#,14#,16#,20#,24#, 30#,36#,46#,60#,80#,100#,120# ,200#
Polishing	4-6#, 6-10#, 8-12#, 12-20#, 14-30#, 18-40#, 36-60#, 40-100#, 60-200#.
Skin care	18-40#, 36-60#,40-100#, 60-200#, 100#,200#, 325#, 400#
Other particle sizes:	6 – 10 Mesh (coarse), 8 – 12 Mesh (coarse), 12 – 20 Mesh (medium), 18 – 40 Mesh (fine)

Other sizes available on request

<https://www.silkroadabrasives.com/>

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