

## WALNUT SHELL ABRASIVE MEDIUM FOR SURFACE TREATMENT

**Walnut shell media** are used for cleaning / blasting / deburring of sensitive and delicate surfaces, without any damage on surface or for blasting of demanding work pieces.

APPLICATIONS IN SURFACE TREATMENT TECHNOLOGY:

For surface blasting without any erosion of the basic material.

Suitable for all kind of treatments on the following materials and applications:

- ◆ Metal
- ◆ Stainless steel
- ◆ Aluminum
- ◆ Plastic or any other artificial material
- ◆ Moulding
- ◆ Die-casting

Available granulations:

Grain size in mm:
1,70 – 2,40
1,30 – 1,70
1,00 – 1,70
0,80 – 1,30
0,45 – 1,00
0,20 – 0,45



**Walnut shell grit** is a hard fibrous product made from ground or crushed walnut shells. When used as a blasting medium, walnut shell grit is extremely durable, angular and multi-faceted, yet is considered as a 'soft abrasive'. Walnut shell blast grit is an excellent replacement for sand (no free silica) to avoid inhalation nocuous to health.

Cleaning by walnut shell blasting is particularly effective where the surface of the substrate under its coat of paint, dirt, grease, scale, carbon, etc. should remain unchanged or otherwise unimpaired. Walnut shell grit can be used as a soft aggregate in removing foreign matter or coatings from surfaces without etching, scratching or marring cleaned areas.

When used with the right walnut shell blasting equipment, common blast cleaning applications also include stripping of car or truck panels, cleaning of delicate molds, jewelry polishing, armatures and electric motors prior to rewinding, deflashing plastics and watch polishing. When used as a blast cleaning medium, walnut shell grit removes paint, residual flashes, burrs and other flaws on plastic parts or on rubber molds, on aluminum or zinc die-castings and on electronic components. Walnut shell can replace sand in paint removal, graffiti removal and general cleaning in restoration of buildings, bridges and outdoor statuary. Walnut shell is also used to clean aircraft engines and steam turbines.

Standard Mesh Sizes	
Description	Mesh
Flour Grades	-325
	-200
	-100
	60/100
	40/100
Extra Fine	40/60
Fine	20/40
Medium	12/20
Coarse	8/12
Extra Coarse	4/6

Example of extrusion screw cleaned with walnut shells:



Nut shell media is supplied in 25-kilogram bags.