JETMAG®

JetMag is a synthetic sand made of olivine and pyroxene widely used for blast cleaning. It offers excellent sanding quality and its cost/performance ratio is highly competitive. It allows either more rapid cleaning and/or reduces abrasive consumption.

Because of its chemical and mineral composition, JetMag is a non-toxic material containing less than 1% free silica. It thus improves the quality of the workplace for sanders and other construction site employees.

It is preferred for applications requiring fast cleaning action at low cost. However, it is moderately friable which means it shatters upon impact, creating little dust – which is safe for operators – and resulting in lower recyclability media as opposed to other synthetic abrasives

Working speed	LOW-HIGH
Recyclability	LOW-
Probabiliy of metal removal	MEDIUM-HIGH
Hardness, Mohs scale (Rockwell RC)	7-7.5

Bulk Density (lb/pi.cu.)	85
Mesh Size	16-60
Typical Blast Pressure (psi)	50-100
Shape	

ADVANTAGES:

- Very weak density, which means higher volume of media for a given weight
- Contains less than 1% free silica
- No heavy metals nor toxic substances
- Can be reused 2-3 Times
- Not listed as hazardous waste materials

APPLICATIONS:

- Very fast, effective cleaning action
- Restoring rusty parts and equipment
- Outdoor blasting applications
- Shipyards and other massive blasting applications

JETMAG®(CONT'D)

PRODUCT#	GRADE	PROFILE*	USES
635202	16 - 60	4 to 6	Harded rust, deep cavities, boat and bridges, painted and rust steel, premetallization, concrete.
635203	30 - 60	2.5 to 4	New steel, structural steel, industrial equipment, heavy weight equipment and vehicles.
635207	32 - B4	2 to 3	New and painted steel, light rust, trucks wheels (nozzle ⅛").
635204	35 - 70	1.5 to 2.5	Cars (body shop), light cavities, new steel, stainless steel (nozzle ⅛")
635213	60 - B2	0.5 to 1	Stainless steel, fiberglass, aluminum, wood.

**** Cavity depth, given in thousandths of an inch.***

CHEMICAL ANALYSIS	
Elements	% weight
MgO	38 to 42
SiO_2(*)	39 to 47
Fe_2O_3	0.7 - 10
Al_2O_3	0.3 to 0.13
CaO	0.8 to 1

PHYSICAL PROPERTIES
Specific gravity: 2.72 - 2.94 g/cc.
Bulk density: 78 to 82 lb/ft^3.
Angular shape particles.
Water absorption: absorbs no humidity.
Hardness = 7 to 7.5 (Mohs scale).
According to the particle sizes.

**** More than 99% of the silica is chemically linked to magnesium, contains less than 1% free silica.***

PACKAGING

Bag = 55 lb

Super Bag = 3,100 lb

Pallet = 56 bags

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