

GLASS BEAD



Glass Bead is one of the most popular abrasives used in cabinets today. Chemically inert, it produces a clean surface for parts and equipment without deteriorating the surface due to its moderate aggressiveness. Glass Bead is also environmentally friendly and can be disposed of at low cost, without extensive paperwork

Ideal for honing, polishing, peening, finishing and removing light burrs and foreign matter, such as carbon and surface residue from pistons and valves with no base metal removal or dimensional change. Produces bright satin finish.

Glass beads are made from crushed glass. Fragments of glass are heated in a furnace where they are propelled upward in an airstream. Glass fragments melt to form small spheres, and then solidify to form glass beads. When glass beads exit the furnace, they are sorted by size (MESH).

Working speed	MEDIUM
Recyclability	HIGH-LOW
Probability of metal removal	VERY LOW
Hardness, Mohs scale (Rockwell RC)	5.5

Bulk Density (lb/cu.ft.)	100
Mesh Size	30-440
Typical Blast Pressure (psi)	30-80
Shape	●

ADVANTAGES:

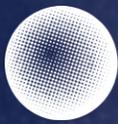
- Non-aggressive abrasive that doesn't modify or damage the workpiece surface
- Efficient on all types of metal
- Environmentally friendly
- Chemically inert – doesn't leave any ferrous residues
- Silica free

APPLICATIONS :

- Parts surface cleaning – without damaging or deforming the workpiece
- Deflashing/Deburring – remove flash on cast or molded workpieces without modifying their surface
- Surface preparation – cleaning and preparing surface prior to coating or painting
- Surface finishing – leave a dull, anti-glare finish
- Light shot peening

The applications are extensive, due to the wide range of screen sizes available.

Coarse	Good for cleaning heavier contamination and peening for stress
Medium Coarse	Good for engine rebuilding, mould texturing and peening of softer metals.
Regular (Medium)	Good for plating, anodizing preparation and most general applications
Fine	Good for cleaning light contamination and wherever a fine surface finish is desired



GLASS BEADS (CONT'D)

Product Code	Size	US Standard screens
635003	BT3	20 - 30
635004	BT4	30 - 40
635005	BT5	40 - 60
635006	BT6	40 - 70
635007	BT7	50 - 80
635008	BT8	60 - 120
635009	BT9	80 - 120
635010	BT10	100 - 170
635012	BT12	120 - 270
635013	BT13	170 - 325

PACKAGING



Bags = 50 lb



Pallet = 40 bags

