

Potters Glass Bead

SIZE RANGE & STOCK GRADES

STOCK SIZE	*SIEVE OPENING (IN MICRONS)	SIEVE OPENING (IN INCHES)	U.S. SIEVE NO	MINIMUM % TRUE SPHERES	
A	-850 – +600	.0331-0.234	20-30	65	Coarse
B	-600 – +425	.0234-.0165	30-40	65	↓
C	-425 – +250	.0165-.0098	40-60	75	↓
*D	-300 – +212	.0117-.0083	50-70	75	↓
*AA	-425 – +212	.0165-.0083	40-70	70	↓
AB	-300 – +180	.0117-.0070	50-80	70	↓
AC	-250 – +150	.0098-.0059	60-100	80	↓
AD	-212 – +106	.0083-.0041	70-140	80	↓
AE	-150 – +90	.0059-.0035	100-170	85	↓
*AG	- 106 – +53	.0041-.0021	140-270	85	↓
AH	-90 – +44	.0035-.0017	17-325	85	↓
*AI	MINUS 53 or finer	MINUS .002	MINUS 270	85	Fine
INDA	-300 – +106	.0117-.0041	50-140		Medium mix

* Available ex manufacturer only, not held in stock

Information on Mil-Spec Glass Bead (military specification) available upon request



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GLASS BEAD BLASTING APPLICATIONS

ALUMINIUM ... Deburrs, levels and smooths: finishes, improves wear and lubricating qualities. Excellent for decorative finishes. Perfect preparation for anodizing. **AD, AE or AH 280kpa (40 psi)**

CARBON DEPOSITS ... Glass Bead removes stubborn carbon without disturbing original dimensions of parts. **AC 420 kpa (60 psi)**

DESCALING ... Mill, heat treat and corrosion scale can be quickly removed to provide a smooth, chemically pure surface. **AD or AE 350-500 kpa (50-70 psi)**

CYLINDERS ... Lubrication and wearing qualities are generally improved – friction is reduced. **AC 350-420 kpa (50-60 psi)**

PUMP & METER RECONDITIONING ... Glass bead removes all corrosion leaving parts ready for reassembly. **AD or AE 280-420 kpa (40-60 psi)**

BEARINGS ... Increases life... reduces wear: provides ideal surface for lubrication retention. **AB or AC 420-560 kpa (60-80 psi)**

GEARS ... Will not alter dimensions or damage delicate areas. Removes burrs, tool marks. Improves qualities of wear. **AC or AD 420-560 kpa (60-80 psi)**

CASTINGS ... Cleans and levels surfaces, removes sand, no imbedment remains to complicate machine ability. **AC or AD 280-420 kpa (40-60 psi)**

MOULDS ... Will not damage or change dimensions of moulds. Offers quick, safe removal of residual deposits from rubber, plastic and glass moulds, no contamination, no imbedment... increased production life. **AE 300-500 kpa (50-70 psi)**

PLASTICS ... Micro-etched surface produced by glass bead improves adhesion of paint, metal coatings, bonding and other applications. **AE or AH 210 kpa (30 psi)**

PLATING ... Leaves no foreign matter or contaminants. Produces smooth, pure bonding surface. **AE 350 kpa (50 psi)**

PRECISION PARTS ... Improves wear, lubrication and fatigue strength qualities; removes burrs, no need for masking ...Glass bead performs without damage to most delicate areas. **AD, AE or AH 175-350 kpa (25-50 psi)**

ELECTRICAL PARTS... removal of oxide and varnish from motor components. **Ae 210-350 kpa (30-50 psi)**

ELECTRICAL PARTS... Removal of epoxy. **AB or AC 40kpa (60 psi)**

STAINLESS STEEL ... Surface flaws easily detected. Provides glare free stain smooth finish. **AE or AH 210-280 kpa (30-40 psi)**

INSTRUMENT PARTS ... Removal of corrosion on heavy or light items. **AE 175-210 kpa (25-30 psi)**

VALVES ... Provides controllable surface finishes, uniform operation and precision fit. Excellent for hard to reach internal areas without altering critical dimensions. Sliding and sealing contacts are greatly improved. **INDA 280-400 kpa (40-60 psi)**

NON METALLIC ... Matte-satin finishes on plastics, ceramics, woods, stone and other materials may be Achieved with Glass Bead. It is especially effective in producing special decorative effects. **Variable pressure & sizes**

REJECTED PARTS ... Parts rejected because of tool marks, improper finish or minor surface imperfections can be economically salvaged with Glass Bead treatment. **Inda at various pressures**

PAINT REMOVAL ... Leaves surface ready for re coating. **C or AB 420-560 kpa (60-80 psi)**

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SYNTECH DISTRIBUTORS LIMITED
12b SAUNDERS PLACE, P.O. BOX 19-341, AVONDALE, AUCKLAND,
NEW ZEALAND
PHONE 64-9-820 2121, FAX 64-9-820 0101, EMAIL sales@syntechnz.com

