

Features and Advantages

Glass beads are formulated of chemically inert soda lime glass. The contaminant-free, environmentally friendly choice is impact blasting with **glass beads**, to produce a metallurgically clean surface. The impact of the beads removes foreign substances from the base surface without dimensional change. These beads are available in a wide range of sizes to clean hard to reach fillets and interstices easily and quickly. **Glass beads** meet OSHA standards for cleaning and are manufactured to conform to US Military Specification. For delicate thin-walled parts and thin welds, peening with glass beads provides the right balance of stress relief without over-stressing and causing damage.

Applications

Cleaning with **Glass beads** prevents contamination of parts and is safer for the environment. Applications include cleaning of automotive parts and deburring axles, CV joints and gears. Peening with **glass beads** reduces metal fatigue and leaves no metallic contamination on the work piece. The bright satin finish is a desired effect in parts ranging from medical equipment to stainless steel propellers.

Particle Size Analysis

TYPICAL VALUES – Data shown is accurate and reliable, but not a specification.

BEAD SIZE-% ROUND-MINIMUM -% PASSING

3U.S. STD Screen	3 65% Round	5 70% Round	6 80% Round	7 80% Round	8 80% Round	9 80% Round	10 90% Round	13 95% Round
10	100	100	100	100	100	100	100	100
12								
14								
20	95-100	100	100	100	100	100	100	
30	0-15							
40	0-5	95-100	95-100	95-100	100	100	100	
50		0-15						
60		0-5	-	95-100	95-100	100	100	
70			0-15	-				
80			0-5	0-15	-	95-100	95-100	
100				0-5	0-15	-		
120					0-5	0-15	-	
140						0-5	-	
170							0-15	95-100
200							0-5	-
230								-
325								0-15
400								0-5

Continued...

Particle Size Table

Sieve Information ASTM E – 11

SIEVE SIZE	OPENINGS				SIEVE SIZE	OPENINGS		
U.S. Mesh	Inches	Microns	Millimeters		U.S. Mesh	Inches	Microns	Millimeters
10	0.0787	2000	2.00		60	0.0098	250	.250
12	0.0661	1700	1.70		70	0.0083	212	.212
14	0.0555	1400	1.40		80	0.0070	180	.180
16	0.0469	1180	1.18		100	0.0059	150	.150
18	0.0394	1000	1.00		120	0.0049	125	.125
20	0.0331	850	0.85		140	0.0041	106	.106
25	0.0278	710	0.71		170	0.0035	90	.090
30	0.0234	600	0.60		200	0.0029	75	.075
35	0.0197	500	0.50		230	0.0025	63	.063
40	0.0165	425	0.425		270	0.0021	53	.053
45	0.0139	355	0.355		325	0.0017	45	.045
50	0.0117	300	0.300		400	0.0015	38	.038

Ordering Information

Shipping Point: Edmonton Distribution Centre

Packaging: 50 lb. multiwall paper bags

Edmonton Distribution Centre

305 – 116 Ave. N.W., Edmonton, AB T6S 1G5

Order Desk: (780) 467-2627

Fax: 467-2752

Toll Free: 1-800-661-6982

“Blasting Abrasive & Equipment Specialists”