IDS - Supplies & Facilities

IDS BLAST is a full line stocking distributor of abrasive blasting equipment, parts, safety supplies and abrasives. We stock a wide variety of hose, valves, wheels, blades, liners, fittings, couplers, nozzles, gaskets, hoods, filters and much more. Our knowledgeable sales team provides “in the field” technical analysis and solutions while our service department services most manufacturer’s blasting equipment. We pride ourselves in providing solutions to the Contractor and Industrial markets.

• QUALITY
• SERVICE
• EXPERIENCE

800.800.0665
IDS BLAST offers a recycling program on Aluminum Oxide, Steel Abrasives & Plastic Media. The recycling program allows customer’s to get paid for their “used” abrasives. By recycling “used” abrasive, we are reducing abrasive waste which is environmentally friendly.

Please contact us to discuss the possibility of a recycling program at your facility.

IDS BLAST provides free service inspections which have proven to increase productivity and reduce down time. We have a complete service department that can provide in-house or on-site service inspections and repairs.

We become partners with our customers to assist them in increasing their operation efficiencies and productivity. We take our customer’s success seriously.

**What can our service dept. do for you?**

- Inspections
- Recommendations
- Equipment Installation
- Equipment Repair
- Efficiency Evaluations

*“WE OFFER COMPETITIVE PRICES WITH UNEQUALLED SERVICE”*
ABRASIVES INDEX

PAGE 6
Aluminum Oxide - Brown
Deburring, descaling, etching and surface preparation applications.

PAGE 6
Aluminum Oxide - White
Cleans engine heads, valves, pistons, and turbine blades.

PAGE 7
Coal Slag
Provides foundation for coatings on buildings, castings, ships, railroad equipment and tanks.

PAGE 7
Corn Cob
Cleans, polishes and dries surfaces such as smoke damaged buildings and oil rigs.

PAGE 8
Crushed Glass
Removes rust, mill scale and coatings on concrete, structures, tanks and pipelines.

PAGE 8
Garnet
Heavy coating removal work, new steel, feathering and heavy rust removal.

PAGE 9
Glass Beads
Finishes, cleans, deburrs and peens materials like metal, plastic and rubber.

PAGE 9
Plastic Media
Removes and strips powder coatings, primers and topcoats.

PAGE 10
Silicon Carbide
Cleans and prepares extremely hard surfaces such as stone, ceramic, glass and metal.

PAGE 10
Powerblast LS (Staurolite Mineral)
Hardness and grain size is ideal for new steel and mill scale removal.

PAGE 11
Sodium Bicarbonate
Effectively removes paint and grease from brick, copper, stainless steel, glass and rubber.

PAGE 11
Soft Shot
Remove, descale and deburr surfaces such as powder metal parts, die castings and stampings.

PAGE 12
Starblast® (Staurolite Mineral)
Removes brittle coatings and prepares surfaces with mill scale or light rust.

PAGE 12
Steel Grit
Used on metal for superior adhesion of paint, epoxy, enamel and other coatings.

PAGE 13
Steel Shot
Cleans, polishes and peens surfaces such as structural steel, castings & aerospace applications.

PAGE 13
Vibratory Media & Compounds
Used for metal removal, surface improvement and high polishing.

PAGE 14
Walnut Shell
Polishes and cleans fiberglass, soft metals, wood, plastics and stone.

PAGE 14
Special Notes, Precautions & Disclaimer

PAGE 15
Technical Data
Abrasive media can come to you a lot of different ways; as small as a 40 lb. bag, to as large as a 50,000 lb. bulk truck (and everything in between). We can even transfer media into pails or boxes if that is what you require.

WE HAVE YOU COVERED!

The Packaging Icons below are located throughout this catalog to indicate the different packaging sizes available for a given media.

Packaging Options

Shipping - Quick and On Time

Abrasive arrives at our facility by the truck load where we off-load it, store it and get it ready to ship. When an order is received, all that is left to do is load it and ship it to you.

WE KNOW ABRASIVE SHIPPING!

What can our shipping dept. do for you?

► Typically In-stock / Same Day Shipping
► Direct Shipping: From our Manufacturers
► Logistics - On Time Arrivals
► J.I.T. (Just In Time) Services Available
Aluminum Oxide-Brown

Aluminum Oxide grit is carefully shaped and graded for pressure blasting applications. It is sharp and can be used and reused again. Absence of wasteful flats and slivers maximizes cutting efficiency in deburring, descaling, etching and surface smoothing applications. Low iron content eliminates danger of rust-staining to weather-exposed granite, marble and stainless steel.

Features & Benefits

- Recyclable
- Maximum resistance to breakdown
- Less than 1% free silica
- Low iron content
- Eliminates danger of rust-staining
- Non-skid floor coating applications

How It Comes

<table>
<thead>
<tr>
<th>Product Type</th>
<th>US Sieve Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
<td>16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240</td>
</tr>
</tbody>
</table>

How It Comes

- 40 Bags per Pallet
- 4 Fibre Drums per Pallet
- 1 or 2 Bulk Bags per Pallet

Aluminum Oxide-White

White Aluminum Oxide has higher hardness and slightly lower toughness compared to brown aluminum oxide. It is characterized by its high purity, ability to self-sharpen, better cutting, lower heat emissions, higher efficiency, acid and alkali resistance and good thermal stability.

Features & Benefits

- High resistance to breakdown
- Less than 1% free silica
- Liquid honing capabilities
- Allows for repeated use, less dust and less clean up
- Eliminates danger of rust-staining
- Non-skid floor coating applications

How It Comes

<table>
<thead>
<tr>
<th>Product Type</th>
<th>US Sieve Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
<td>12, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220</td>
</tr>
</tbody>
</table>

How It Comes

- 40 Bags per Pallet
- 4 Fibre Drums per Pallet
- 1 Bulk Bag per Pallet

800.800.0665
Coal Slag

Coal Slag is a fast-cutting and a good general purpose abrasive that is tough enough to get the job done. Its angular shape and hardness quickly cut away existing coatings. Use Coal Slag on buildings, tanks, castings, ships, bridges, railroad equipment, structural steel, exposed aggregate and more.

**Features & Benefits**
- Less than 1% free silica
- Chemically inert
- Low friability
- Consistent uniform weight
- Approved by the U.S. Navy’s OPL (MIL-A-222820)

**How It Comes**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>US Sieve Size</th>
<th>100 lb</th>
<th>4000 lb</th>
<th>Bulk Truck</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor</td>
<td>10/40</td>
<td>30 Bags per Pallet</td>
<td>1 Bulk Bag per Pallet</td>
<td>50,000 Pounds per Bulk Truck</td>
</tr>
<tr>
<td>Contractor</td>
<td>12/40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor</td>
<td>20/40</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor</td>
<td>30/60</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Coal Slag is a fast-cutting and a good general purpose abrasive that is tough enough to get the job done. Its angular shape and hardness quickly cut away existing coatings. Use Coal Slag on buildings, tanks, castings, ships, bridges, railroad equipment, structural steel, exposed aggregate and more.

**Features & Benefits**
- Cleaner and less dusty than many other abrasives
- Absorbs oils as it cleans
- Biodegradable
- Will not damage gears of equipment as sand often does
- 0% free silica

**How It Comes**

<table>
<thead>
<tr>
<th>Product Type</th>
<th>US Sieve Size</th>
<th>40 lb</th>
<th>50 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor &amp; Industrial</td>
<td>1014</td>
<td>48 Bags per Pallet</td>
<td>40 Bags per Pallet</td>
</tr>
<tr>
<td>Contractor &amp; Industrial</td>
<td>1420</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor &amp; Industrial</td>
<td>2040</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contractor &amp; Industrial</td>
<td>4060</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Crushed Glass

Crushed glass is a 100% recycled material and contains no detectable crystalline silica. Crushed Glass delivers very low particle embedment which applies a whiter finish to the substrate.

Features & Benefits
- Cuts fast, reduces abrasive consumption
- Better visibility while blasting, low dust
- Recyclable
- Chemically inert
- 0% free silica

How It Comes

<table>
<thead>
<tr>
<th>US Sieve Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-40</td>
</tr>
<tr>
<td>40-70</td>
</tr>
<tr>
<td>70-100</td>
</tr>
</tbody>
</table>

Product Type
- Contractor & Industrial

Garnet

Garnet is a hard and heavy abrasive that can increase productivity while reducing the amount of abrasive used. It offers the performance of synthetic and more expensive abrasives and is environmentally friendly.

Features & Benefits
- Cuts fast, reduces abrasive consumption
- Better visibility while blasting, low dust
- Recyclable
- Chemically inert
- Non-toxic
- Less than 1% free silica

How It Comes

<table>
<thead>
<tr>
<th>Product Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contractor &amp; Industrial</td>
</tr>
</tbody>
</table>

US Sieve Size
- 16/24
- 30/40
- 80WJ

50 lb
3000 lb
40 Bags per Pallet
1 Bulk Bag per Pallet

800.800.0665
Glass Beads

Glass Beads are environmentally friendly and can be used in many blast applications to provide a finish with no profile. Use while working with metal, plastic or rubber materials to clean, deburr and finish.

**Features & Benefits**
- Ideal “Cleaning” Abrasive
- Consumed at slow rate and can be recycled
- Will not contaminate metal being treated
- 0% free silica
- No Profile
- Uniform hardness and size

**How It Comes**
- Product Type: Industrial
- US Sieve Size: 30-40, 40-60, 40-70, 50-80, 60-120
- 50 lb, 2000 lb per pallet
- 40 Bags, 1 Bulk Bag per pallet

Plastic Media

General applications of Plastic Media include powder coating removal, stripping aircraft and aerospace components, and removal of coatings from vehicles and vehicle parts. Different types of plastic media include:
- **Type II - Urea**
- **Type III - Melamine**
- **Type V - Acrylic.**

**Features & Benefits**
- Low dust
- Reusable
- Infinite shelf life
- Non-toxic and environmentally safe
- Low machine wear
- 0% free silica

**How It Comes**
- Product Type: Industrial
- US Sieve Size: 12/16, 16/20, 20/30, 30/40
- 50 lb, 250 lb per pallet
- 20 Boxes, 4 Fibre Drums per pallet
Powerblast LS

Powerblast LS is a staurolite mineral containing <1% crystalline silica. It’s hardness and grain size make it ideal for new steel, mill scale removal, or any general blasting application with low to average surface profile requirements.

**Features & Benefits**
- Recyclable
- Low dusting
- Superior white metal finish
- More uniform blast pattern
- Less than 1% free silica

**How It Comes**
- 50 lb
- 3000 lb
- Bulk Truck

**Product Type**
- Contractor & Industrial

**US Sieve Size**
- ONE SIZE

---

Silicon Carbide

Silicon Carbide blasting grit is designed for use on super hard metals, ceramics, glass and stone. Upon impact, grits shatter to form a continuous stream of sharp, new cutting edges.

**Features & Benefits**
- High resistance to breakdown
- No free crystalline silica
- Liquid honing capabilities
- Allows for repeated use, less dust and less clean up
- Eliminates danger of rust-staining

**How It Comes**
- 50 lb
- 3000 lb
- Bulk Truck

**Product Type**
- Industrial

**US Sieve Size**
- 12, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220, 240

---

800.800.0665
**Sodium Bicarbonate**

Soda blasting uses large, sharp crystals of sodium bicarbonate (baking soda) to effectively and safely remove paint, grease, process residue, or graffiti from brick, glass, rubber aluminum, galvanized metals, stainless steel, copper, engine parts or TEFC motors.

**Features & Benefits**
- Non-hazardous
- Water soluble
- Won’t damage most surfaces
- New uses continue to be developed
- Environmentally safe
- 0% free silica

**How It Comes**

50 lb

56 Bags per Pallet

**Soft Shot**

Soft Shot was developed for cleaning soft, delicate metal parts. It’s very durable and is made from virgin, premium-grade, cast steel shot. Soft Shot is good for cleaning, deburring and deflashing.

**Features & Benefits**
- Doesn’t scratch or pit surfaces
- Doesn’t damage blast machine wear parts
- Twice the life of standard SAE grades
- Environmentally friendly
- Doesn’t generate hazardous waste

**How It Comes**

40 Pails per Pallet

4 Steel Drums per Pallet
Starblast®

Starblast® works great on light rust, brittle paint, mill scale and is an excellent abrasive for blasting new steel.
- Starblast - <5% Free Slica
- Starblast XL - <1% Free Slica
- Starblast Ultra - <5% Free Slica

Features & Benefits
- Lower coating consumption
- Lower abrasive consumption
- Low dust and recyclable
- <1%-3% free silica (see above)
- More uniform blasting pattern
- Electrically non-conducting

Steel Grit

Steel Grit works well in many tough applications. Common applications are railcars, structural steel and in foundries. Steel Grit is used in airblast rooms and airless wheel blast machines for surface preparation.

Product Type
Contractor & Industrial

US Sieve Size
ONE SIZE
(Ultra Slightly Larger)

Features & Benefits
- Long lasting
- Can be recycled many times
- Low dust
- Does not fracture easily
- Produces an etched surface on metal for superior adhesion of paint, epoxy and other coatings

How It Comes
80 Bags per Pallet
50,000 Pounds per Bulk Truck
1 Bulk Bag per Pallet
40 Bags per Pallet
1 Steel Drum per Pallet

800.800.0665
Steel Shot

Steel Shot is commonly used in applications such as railcars, structural steel and foundries. It is also used in airless wheel blast machines for surface polishing and shot peening. Another common use is in portable trackblast airless wheel blast machines for profiling and concrete floor preparation.

Features & Benefits
- Long lasting
- Can be recycled many times
- Shot peening applications
- Low dust
- Results in a smoother and more polished surface

How It Comes
- Product Type: Industrial

Vibratory Media & Compounds

Vibratory media comes in many sizes and shapes as well as different compositions such as porcelain, fused aluminum oxide, ceramic, and silicon carbide. Uses for this type of media include metal removal, surface improvement and high polishing. For use in vibratory finishing machines.

Features & Benefits
- Lower media wear rates, reducing amount of effluence you generate
- High resistance to chipping
- Many types for use on any application
- Reduces seal wear problems
- Reduces waste

How It Comes
- Product Type: Industrial
- Sizes & Shapes: Various Shapes and Sizes
Walnut Shell

Walnut shell provides an excellent finish without scratching or pitting the surface. It’s relatively dust-free and can be used for deburring, deflashing and tumbling.

Features & Benefits

- Recyclable
- Low dusting

Product Type

Industrial

US Sieve Size

- 6-10
- 8-12
- 12-20
- 18-40

How It Comes

- 50 lb
- 40 Bags per Pallet

Special Notes, Precautions & Disclaimer

The information contained in this brochure is believed to be accurate but is not warranted with respect to the accuracy of the information or recommendation. Purchasers of the materials listed in this brochure are advised to confirm in advance of need that the information is current and applicable to their circumstances and usage. Variations from tested samples may occur. As the information contained herein may be applied under conditions beyond our control, we assume no responsibility for the use of the materials listed in this brochure.
## Physical Characteristics of Abrasives

<table>
<thead>
<tr>
<th>Material</th>
<th>Hardness (Mohs Scale)</th>
<th>Grain Shape</th>
<th>Specific Gravity</th>
<th>Color</th>
<th>Free Silica Content</th>
<th>Free Iron Content</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Corn CoBs</td>
<td>2</td>
<td>Cubical</td>
<td>1.3</td>
<td>Tan</td>
<td>None</td>
<td>None</td>
<td>Good</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>2.8</td>
<td>Angular</td>
<td>2.2</td>
<td>White</td>
<td>None</td>
<td>None</td>
<td>Poor</td>
</tr>
<tr>
<td>Walnut Shells</td>
<td>3</td>
<td>Cubical</td>
<td>1.3</td>
<td>Light Brown</td>
<td>None</td>
<td>None</td>
<td>Good</td>
</tr>
<tr>
<td>Soft Shot</td>
<td>3 to 3.5</td>
<td>Spherical</td>
<td>7.0</td>
<td>Steel Gray</td>
<td>None</td>
<td>99%</td>
<td>Excellent</td>
</tr>
<tr>
<td>Plastic Media</td>
<td>3 to 4.0</td>
<td>Angular</td>
<td>1.2</td>
<td>Multi-colored</td>
<td>None</td>
<td>&lt;.002%</td>
<td>Good</td>
</tr>
<tr>
<td>Glass Beads</td>
<td>4.5</td>
<td>Spherical</td>
<td>3.0</td>
<td>Crystal</td>
<td>None</td>
<td>None</td>
<td>Good</td>
</tr>
<tr>
<td>Crushed Glass</td>
<td>6</td>
<td>Angular</td>
<td>3.2</td>
<td>Clear-Brown</td>
<td>None</td>
<td>None</td>
<td>Fair</td>
</tr>
<tr>
<td>Coal Slag</td>
<td>6 to 7</td>
<td>Angular</td>
<td>2.7</td>
<td>Black</td>
<td>&lt;1%</td>
<td>N/A</td>
<td>Fair</td>
</tr>
<tr>
<td>Steel Shot</td>
<td>6 to 7</td>
<td>Spherical</td>
<td>7.2</td>
<td>Steel Gray</td>
<td>None</td>
<td>99%</td>
<td>Excellent</td>
</tr>
<tr>
<td>Steel grit</td>
<td>6 to 7</td>
<td>Angular</td>
<td>7.5</td>
<td>Steel Gray</td>
<td>None</td>
<td>99%</td>
<td>Excellent</td>
</tr>
<tr>
<td>Staurolite Mineral</td>
<td>7 to 7.5</td>
<td>Rounded</td>
<td>3.6 to 3.9</td>
<td>Brown</td>
<td>&lt;1% to 3%</td>
<td>&lt;1% to 3%</td>
<td>Fair</td>
</tr>
<tr>
<td>Garnet</td>
<td>7 to 8.3</td>
<td>Cubical</td>
<td>4</td>
<td>Pink to Dark Red</td>
<td>&lt;1%</td>
<td>None</td>
<td>Good</td>
</tr>
<tr>
<td>Aluminum Oxide</td>
<td>9</td>
<td>Cubical</td>
<td>3.8</td>
<td>Brown or White</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>Very Good</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>9</td>
<td>Cubical</td>
<td>3.1</td>
<td>Black</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>Good</td>
</tr>
<tr>
<td>Diamonds</td>
<td>10</td>
<td>Cubical</td>
<td>3.5</td>
<td>White-Yellow</td>
<td>&lt;1%</td>
<td>&lt;1%</td>
<td>Very Good</td>
</tr>
</tbody>
</table>

## Abrasives - Bulk Density

All Direct Pressure Blast Machines are filled by “Volume”, not “Pounds”, of Abrasive. The weight of each Type of Abrasive is different per Cubic Foot of “Volume”. The weight is called the “Bulk Density” of that Abrasive.

The Chart to the right shows the “Bulk Density” (Weight per Cubic Foot) of several common Blast Cleaning Abrasives. As a general rule, it can safely be figured that a Typical Air Blast Machine can only hold abrasive in about 75% of its inside space. So a typical 650 Pounds (6.5 Cu. Ft.) Machine will only freely hold 488 Pounds of Abrasive that weighs 100 Pounds per Cu. Ft. (Bulk Density). But, that same machine can hold 1219 Pounds of Steel Grit, but only 219 Pounds of Walnut Shells. But it is still as full as it possibly can be due to its Filling Angle of Repose.

<table>
<thead>
<tr>
<th>Abrasive Types</th>
<th>Bulk Density (Lbs per Cu. Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Oxide</td>
<td>120</td>
</tr>
<tr>
<td>Coal Slag</td>
<td>85</td>
</tr>
<tr>
<td>Corn CoB</td>
<td>35 to 42</td>
</tr>
<tr>
<td>Crushed Glass</td>
<td>80</td>
</tr>
<tr>
<td>Garnet</td>
<td>147</td>
</tr>
<tr>
<td>Glass Beads</td>
<td>85</td>
</tr>
<tr>
<td>Plastic Media</td>
<td>45 to 48</td>
</tr>
<tr>
<td>Silicon Carbide</td>
<td>106</td>
</tr>
<tr>
<td>Sodium Bicarbonate</td>
<td>61</td>
</tr>
<tr>
<td>Soft Shot</td>
<td>225</td>
</tr>
<tr>
<td>Staurolite Mineral</td>
<td>125</td>
</tr>
<tr>
<td>Steel Shot/Grit</td>
<td>215 to 285</td>
</tr>
<tr>
<td>Walnut Shell</td>
<td>45</td>
</tr>
</tbody>
</table>

## Sieve Information

<table>
<thead>
<tr>
<th>Sieve Size</th>
<th>U.S. Mesh</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>.187</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>.157</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>.132</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>.111</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>.0937</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>.0787</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>.0661</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>.0555</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>.0469</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>.0394</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>.0331</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>.0280</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>.0232</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>.0197</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>.0165</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>.0138</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>.0117</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>.0098</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>.0083</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>.0070</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>.0059</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>.0049</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>.0041</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>.0035</td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>.0029</td>
<td></td>
</tr>
<tr>
<td>230</td>
<td>.0024</td>
<td></td>
</tr>
<tr>
<td>270</td>
<td>.0021</td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>.0017</td>
<td></td>
</tr>
<tr>
<td>400</td>
<td>.0015</td>
<td></td>
</tr>
</tbody>
</table>

## Conversion Multipliers Factor Chart

<table>
<thead>
<tr>
<th>From / To</th>
<th>cm</th>
<th>mm</th>
<th>um</th>
<th>in</th>
<th>mils</th>
</tr>
</thead>
<tbody>
<tr>
<td>cm</td>
<td>1</td>
<td>10</td>
<td>10000</td>
<td>0.3937</td>
<td>0.3937</td>
</tr>
<tr>
<td>mm</td>
<td>0.1</td>
<td>1</td>
<td>1000</td>
<td>0.0394</td>
<td>39.37</td>
</tr>
<tr>
<td>um</td>
<td>0.0001</td>
<td>0.001</td>
<td>1</td>
<td>0.00000394</td>
<td>0.00394</td>
</tr>
<tr>
<td>in</td>
<td>2.54</td>
<td>25.4</td>
<td>25400</td>
<td>1</td>
<td>1000</td>
</tr>
<tr>
<td>mils</td>
<td>0.00254</td>
<td>0.0254</td>
<td>2.54</td>
<td>0.001</td>
<td>1</td>
</tr>
</tbody>
</table>

Example: 4.5 mils = 4.5 x 25.4 = 114.3 millimeters

cm = Centimeter  um = Micron (micrometer)  in = Inch  mils = Thou (1/1000 of an inch)
IDS Blast

Your full line distributor of Abrasive Blast Equipment and Parts.

Reclaiming & Recycling Equipment
- Blast Rooms
- Mechanical
- Pneumatic
- Sweep-In, Full Floor
- Industrial Vacuum Systems

Aftermarket Parts (Hard to Find)
- A-BEC
- Hoffman Blast Equipment
- Key Houston
- Pauli & Griffin
- Universal
- Vacu-Blast

Dust Collectors
- Filter Cartridge
- Filter Bag
- Blast Room
- Blast Cabinet

Nozzles
- Boron Carbide
- Tungsten Carbide
- Ceramic
- Venturi
- Double Venturi
- BIG GUN High Performance
- 1-1/4” High Performance
- Suction/Gun

Blast Pots
- 1.5, 3.5 & 6.5 Small Abrasive Blasters
- 6 Ton & 8 Ton Bulk Blasters
- Pneumatic
- Electric
- Big Gun Full Flow
- Soda Storm

Abrasive Blasting Parts
- Blast Hose, Whip Hose
- Couplers
- Fittings
- Valves
- Nozzle Holders
- Lighting Systems
- Gloves & Suits
- Aftermarket Parts

Blast Cabinets
- Pressure
- Suction
- Hand
- Automated
- Dust Collectors
- Reclaim Systems
- Replacement Parts

Blast Hood Respirators
- NOVA 2000™
- Radex
- Apollo
- Bullard®
- Lenses
- Aftermarket Parts

Wheel Blast Equipment
- Spinner Hanger
- Tumble Belt
- Wire Mesh Belt
- Table
- Structural
- Monorail
- Custom

Blast & Vac Systems

Air Dryers

Toll Free: (800) 800-0665 • FAX: (317) 545-0670
Email: sales@idsblast.com
WWW.IDSBLAST.COM
2717 Tobey Drive • Indianapolis, Indiana 46219

Copyright © 2010 IDS Blast Finishing, All Rights Reserved