



A&B Deburning

A&B Deburning Company

525 Carr Street
Cincinnati, OH 45203 (USA)
(PH) 513-723-0777
www.abdeburr.com

Products

DURAMEDIA®

Our original DURAMEDIA® line of standard bond ceramic media has evolved through 130 years of experience, expertise and innovation. Comprehensive and flexible, it enables you to match media composition, density, shape and size to your exact mass finishing requirements.



Composition	Lbs./Cu. Ft.	Color	Description/Application
DURAMEDIA 'FB'	85	Off White	DURAMEDIA® FB is a porcelain based media which is an extremely hard and longwearing media and is recommended for brightening, burnishing and polishing.
DURAMEDIA '10'	85	Ivory	DURAMEDIA® 10 is an extremely hard abrasive-free media used for burnishing, polishing, light deburring and driving loose abrasives. It is a proven media choice for use in chemically accelerated processes where a lower density media is required.
DURAMEDIA '120'	120	Brown	DURAMEDIA® 120 is an extremely dense and durable ceramic media offering exceptional wear resistance. Excellent for use in chemically accelerated processes and high-energy mass finishing applications. Its fine crystalline structure yields superior body strength and fracture resistance. Applications include light burr removal, driving loose abrasives, final surface finishing and burnishing.
DURALUM 'XM'	140	Olive/Dark Brown	DURALUM® XM is a 'coloring' abrasive. It is a sintered ceramic tumbling nugget with exceptional properties. Its hardness, toughness and extremely fine crystalline structure make it one of the best products available for developing a lustrous, high-color burnish on all types of ferrous metals, brass and aluminum. Principally used in mass finishing burnishing applications, DURALUM® XM can also be used for light burr removal, radius formation, and is an effective driver for loose abrasives in cut and color operations. XM's hardness, toughness and fine crystalline structure make it one of the best products available for developing a lustrous, high-color burnish on all types of ferrous metals, brass and aluminum. XM is an excellent substitute for steel media applications.
DURAMEDIA '140'	140	Olive/Dark Brown	DURAMEDIA® 140 is the preformed version of our DURALUM® XM product. Extruded to sizes and shapes that address applications where these advantages are critical to minimize lodging. It has the exact finishing characteristics that XM is known to provide.



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Mild Cut

Composition	Lbs./Cu. Ft.	Color	Description/Application
DURAMEDIA '20 / F'	85	Beige	DURAMEDIA® 20 / F are versatile, general purpose, mildly abrasive medias. These products combine low media wear rate with reasonable metal removal rate. They produce a fine finish and can be used for burnishing with proper compounding.
DURAMEDIA '50 / SC'	85	Specked/Off White	DURAMEDIA® 50 / SC are especially suited for materials to be welded, brazed or soldered. These cutting medias contain a finely graded silicon carbide abrasive. They are recommended for use on parts that can have no aluminum oxide impregnation.



Medium Cut



Composition	Lbs./Cu. Ft.	Color	Description/Application
DURAMEDIA 'C'	90	Blue	DURAMEDIA® C Contains a coarser-grained aluminum oxide abrasive. Its rate of metal cut compared to media wear makes it a very efficient media. DURAMEDIA® C cut and finish characteristics have been the industry standard for years.
DURAMEDIA 'ECH'	90	Brown	DURAMEDIA® ECH is a general-purpose media. This formulation provides a high performance cutting action for deburring and metal removal by providing a specially formulated blend of aluminum oxide.
DURAMEDIA '30'	95	Light Gray	DURAMEDIA® 30 although similar in performance to DURAMEDIA® ECH provides a much smoother surface finish by utilizing a finer grain aluminum oxide. The increased concentration of finer abrasive particles still allows for fast metal removal with medium wear.



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Fast Cut

Composition	Lbs./Cu. Ft.	Color	Description/Application
DURAMEDIA® 'XC'	90	Green	DURAMEDIA® XC is the more aggressive version of our DURAMEDIA® C product formulation. With a higher concentration of coarse grain aluminum oxide, this unusually aggressive media gets to work right away in the removal of heavy burrs, flash or scale. XC "Green" has also been an industry standard for years known for its fast cutting capability.
DURAMEDIA® '40'	100	Tan	DURAMEDIA® 40 is an extremely fast cutting media for rapid cut down on all ferrous products This media should be used for maximum metal removed in a minimal amount of time.
DURAMEDIA® WK / HE 100		Tan	DURAMEDIA®WK / HE are efficient, fast cutting medias. Both provide a fast cutting action similar to DURAMEDIA® 40 however there bonding formulations provide the media wear of DURAMEDIA® 20 / F utilizing a high concentration of aluminum oxide blends.
DURAMEDIA® H	110	Gray	DURAMEDIA® H is another tough, fast cutting, longer wearing, and very efficient cutting media. Its high density and large grain aluminum oxide matrix make it a more aggressive media for quicker metal removal. DURAMEDIA® H would best be applied where short cycle time are required.
DURAMEDIA® 120C	125	Dark Brown	DURAMEDIA® 120C combines the benefits of a high density media, blended with a prescribed concentration of abrasive to effectively and efficiently remove metal in applications where chemical accelerants are not used, while providing extended wear characteristics. The effects of increased weight/mass in combination with the abrasive will reduce your customers' cycle time and reduce media usage. The net result is overall process savings.
DURALUM® XA	145	Gray/Black	DURALUM® XA is the ideal tumbling nugget being dense, tough and free cutting. A true micro-crystalline fused aluminum oxide abrasive, produced by a unique "chill cast" process, its solid structure, super-fine crystal size and carefully controlled chemistry (including titanium dioxide) make it strong and durable.