

THE MANUFACTURER AND SUPPLIER OF CHOICE

When it comes to friction products, Asbury Carbons gives you all the advantages:

- We offer the largest selection of high-quality products.
- We ship from conveniently located plants in the U.S. and from warehouses in Europe and Asia.
- To help keep freight costs low, we engage a worldwide network of distributors.
- Overseas shipments are available from East and Gulf coast ports.
- Packaging choices include bags, bulk sacks, and bulk trucks and barges.
- And of course, Asbury Carbons offers custom processing and packaging.

Asbury Carbons sets industry standards in the areas that matter most to our customers.

- Quality** — All Asbury Carbons products are made to strict specifications. Each of our manufacturing operations has its own quality control labs to constantly monitor our products for the friction industry.
- Variety** — Asbury Carbons is the only supplier offering every type of product currently available for the friction industry. We continually develop new product breakthroughs that make other industry mainstays obsolete.
- Reliability** — Asbury Carbons is a well-established graphite and carbon company with proven excellence since 1895. Each shipment can be furnished with a no-charge “Report of Analysis” certifying standard specifications and specially requested information.
- Availability** — Manufacturing plants and major warehouses in the U.S. and Canada, providing quick delivery and keeping freight costs low.



SPECIALTY MATERIALS - FRICTION PRODUCTS

Asbury offers lubricants such as calcium fluoride, in addition to friction modifiers and specialty materials like: iron copper sulfide, zinc sulfide, gilsonite and proprietary products such as Sicacell and Ultimate. We will provide or process any material to meet your friction challenges.

Lubricants

Ultimate Product Series
 Calcium Flouride
 Iron Coppoer Sulfide
 Zinc Sulfide

Processing Aids/ Modifiers / Stabalizers

Sicacell
 Gilsonite - HMA modifier
 Rubber NBR1

Our products include all natural and synthetic graphites, Graphco, metallurgical cokes, petroleum cokes, and specialty carbons such as carbon fibers, activated carbon and carbon black. You can count on Asbury graphite products to provide good lubrication at high temperatures. Graphite’s ability to help lay down a transfer layer helps stabilize friction over a wide range of temperatures. Graphite’s good thermal stability helps to eliminate “hot spots.”

Benefits of Graphite

Benefits of Carbon

Moderate Friction	Stabilized Friction
Solid Lubricant	High Thermal Properties
Aid in transfer layer	Increases life of the friction material
Thermal Stability	Will not harm the mating surface
Noise Reduction	Helps reduce noise by increasing the
Low reactivity with other constituents	internal porosity of the friction material

Please contact canadainfo@asbury.com today, for the solutions of tomorrow.

FRICTION - CARBONS and GRAPHITE PRODUCTS

Graphites		
Amorphous	Size	C (min)
505	85% - 325	80
1155 Special	20 x 100	84
Natural Flake		
3609	-100 mesh	95
3562	+50 mesh	96
3160	-100 mesh	99
3061	+50 mesh	99
Vein		
2040	20 x 80	90
Synthetic		
4052	20 x 40	99
4071	20 x 100	99
4235	20 x 100	99
4110	80 x 200	99
4390	100 x 0	99
A625	90% - 325	99
Specialty Synthetic		
4800	30 x 80	99
Purified Synthetic		
4443	20 x 100	99.8
4421	90% - 325	99.5
Graphco		
4955	20 x 100	98
4956	100 x 325	98
4957	90% - 325	98

Cokes		
Calcined Sponge	Size	C (min)
4079	20 x 100	99
4249	95% - 200	99
Specialty Cokes		
4335	20 x 200	99
4339	20 x 200	94
262	20 x 200	98
Metallurgical Cokes		
4072C	80% - 325	88
Specialty Carbons		
Activated Carbons	Size	C (min)
5562	90% - 200	90
5602	90% - 325	90
Hard Carbon Cokes		
30 x 200	30 x 200	88
-200	90% x 200	88
Coal Products		
SeaCoal - C3/B2	20 x 325	50
ACFM-2	20 x 100	83
Carbon Fibers (0.25". 0.125, milled)		
AGM 62/ 96/ 99	Pan Based	
AGM 95	Pan Based	
CarboBeads		
Fine	60 x 200	99
Medium	40 x 200	99
Coarse	10 x 200	99

Boron Nitride

Medium and high agglomerated hexagonal boron nitride available upon request.

Other products



Paragraph about the difference offered products other than foundry focused.

- CAF2 - Calcium Fluoride
- Iron Oxide
- Hot Topping
- Charcoal
- Sulfur Pellets
- Iron Pyrite
- Bentonite
- Gilsonite
- Corn Flour
- 4106 Diamond Parting
- Marcote 5
- Vermiculite
- Perlite - Slag Coagulant
- Lime

Sea Coal

Particle Size: 20 mesh - 1 µm
Carbon Content: 50-60%



Sea Coal is a form of "soft coal," with a typical volatile content of 40%. The volatile component is composed of mixed hydrocarbons, which gives this material its unique properties, including low electrical conductivity and high compatibility with other organic materials. Sea Coal is an excellent filler in materials, and where a coal product with high volatile content is needed.

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