Infrastructure

Assembly

Transportation

Inspection

CNC Drilling

Some accurately drilled webs are a key in making liquid type heat exchangers. In Graphicarb we carry this operation on a specially designed and highly precise CNC drilling machine.

Raw Material Stock

Product Range

- GRAPHITE BLOCK TYPE HEAT EXCHANGERS
- GRAPHITE CONTAINERS
- GRAPHITE FALLING FILM HCL ABSORBERS
- GRAPHITE SULPHURIC ACID CIRCULATION UNITS
- GRAPHITE VACUUM SYSTEM
- GRAPHITE ELECTORS
- GRAPHITE SPARES FOR HCL SYNTHESIS TANKS
- GRAPHITE TILTERS
- GRAPHITE TUBES
- GRAPHITE WIPERS
- GRAPHITE RODS
- GRAPHITE PLATES
- CARBON GRAPHITE RINGING RINGS

Graphite Process Equipment
A total solution to Corrosive Heat & Mass Transfer
Quality Policy

We are committed to achieve customer satisfaction and confidence in our product and organization through Product quality at competitive prices, Timely supply and effectiveness for product quality. New product development. We are also committed to comply with requirements of ISO 9001-2008 and continuously improve the effectiveness of our quality management systems.

Graphite has Wide Application in Chemical Industries

- Inorganic Industry: For the treatment of strong acids like phosphoric, sulphuric and hydrofluoric acids commonly used in industrial processes.
- In the Organic Industry: For Manufacturing of hydrogenation products, strong acids, oxidizers, artificial and pharmaceutical products.

**Comparison Chart of Thermal Conductivity of Impure Graphite with other Material**

**Physical Properties of Impure Graphite**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density (g/cc)</td>
<td>1.8-1.9</td>
</tr>
<tr>
<td>Thermal Conductivity (W/mK)</td>
<td>400-5000</td>
</tr>
<tr>
<td>Working Temperature (°C)</td>
<td>1800</td>
</tr>
</tbody>
</table>

**Uses of Impure Graphite in Chemical Industry**

- Coal Tar
- Petroleum Coke
- Electric Arc Furnace
- Carbon Black
- Carbon Catalysts
- Carbon Oxide
- Sulphur Dioxide

**Certification**

- ISO 9001-2008
- OHSAS 18001-2007
- ISO 14001-2004

**Awards**

- Best Exporter Award
- Best Quality Product Award
- Best Innovation Award

**About Us**

Established in the year 1997, we, "Graphicarb Products" are an ISO 9001-2008 certified manufacturing concern and suppliers of a wide range of Graphite Process Equipment. The company is equipped with state-of-the-art facilities for processing Graphite products. Our production facilities are designed to meet the requirements of customers in terms of quality, quantity and delivery. Our products are widely used in industries such as pharmaceuticals, petrochemicals, electronics, and many others, where Graphite is indispensable. We take pride in our commitment to quality, timely delivery and customer satisfaction.
Absorber

We offer a wide range of graphite absorbers which are used in various chemical industries and are in compliance with various Environment, Protection Standards and Recovery Benefits. It is manufactured using superior quality material and is durable, highly efficient, thermal shock resistant and corrosion resistant. Available in different models and specifications, it can also be custom designed as per the specifications provided by client.

Chemical reaction giving out HCL gas are common in chemical industry. Absorption of this gas and concentrating it to HCL solution gives benefits of meeting environment protection standards and recovery benefits. But solution of hydrochloric acid in water liberates important quantity of heat (approx. 450 kcal/kg of gas absorbed)

Efficiency of hydrochloric acid manufacture is therefore, a function of following three principal factors.

1. Operation film wise distribution of absorbent
   Water to be absorbed is uniformly distributed over the upper face of first process block by a special distributor block provided at the top of the column. The absorbent descends as thin, absolutely uniform film down the passages of first block and collection the upper surface of the next block where it is again redistributed. This is repeated at every subsequent block, until the absorbent is discharged through the lower end of the columns. This ensures perfect distribution of the absorbent film at every block interface breaking up therefore breaking of the film (as happens in straight tubular passaged) is impossible. This system ensures perfect distribution and correspondingly provides highest efficiency.

2. Gas turbulence
   The gas to be absorbed is alternately compressed and expanded and so kept in a highly turbulent state. Consequently, the gas molecule impinge with great energy on the absorbent film, producing highest absorption efficiency.

3. Cooling
   Taking full advantage of excellent thermal conductivity of graphite, highest heat exchange efficiency is obtained and heating fluids in the process passages are maintained at lowest temperature.

Result
   By using falling film absorber one can get 30% HCL solution in single pass at low temperature. Achieving absorbed gas efficiency as high as 85% to 90%, thus minimizing pumping costs, this system is more efficient as compared to H.D. P.E. packed columns.

Salient Features of our HCL Absorbers
- Made of Impure Graphite.
- Falling film type.
- Absorbs gas and converts it directly into 30% HCL Solution at low temperature.
- Multiple blocks mounted one on another makes it possible to increase surface area of the equipments up to 30 meter square.
- Consist of Entry Graphite Chamber, Distribution block, Multiple Process blocks and Exit Graphite Chamber.
- Simple robust and easy to install rough construction.
- Multiple passes can be provided on service side.
- Graphite has high compressive strength so metal plate apply compressive load on graphite.
- Simple design and easy dismantling as compared to circular blocks.
- Flexibility of adding more blocks to increase heat transfer area.
- Easy cleaning because of short channels.
- Short channel lengths increases turbulence as a result avoids frequent deposits or fouling as compared to shell & tube type heat exchanges of same dimensions, cubical block type heat exchanger provides 2 to 5 times more heat transfer.
- Working conditions: Upto 5kg/cm² pressure.
- Resistant to thermal shock.

Chemical Reaction giving out HCL gas are common in chemical industry. Absorption of this gas and concentrating it to HCL solution gives benefits of meeting Environment Protection Standards and recovery benefits. But solution of Hydrochloric Acid in water liberates important quantity of heat (approx. 450 Kcal/kg of HCL gas)
Graphite Heat Exchanger

Salient Features

- Cubical Block type, Simple Robust And Easy To Install Tough Construction
- Consists of Entry chamber, Multiple process blocks and Exit chamber all made of Impervious Graphite.
- Simple Design And Easy Dismantling As Compared To Circular Blocks
- Resistant To Thermal Shock
- Multiple Passes Can Be Provided On Service As Well As Process Sides
- Flexibility Of Adding More Blocks To Increase Heat Transfer Area.
- For connection nozzles, Metal Plate Apply Compressive Load On Graphite, As Graphite Has High Compressive Strength thus prevents connection nippes from easy breakages.
- Easy Cleaning Because Of Shunt Channels
- Short Channel Lengths Increases Turbulence As A Result Avoids Frequent Deposits or Fouling As Compared To Shell & Tube Type Heat Exchangers Of Same Dimensions, Cubical Block Type Heat Exchanger Provides 2 To 3 Times More Heat Transfer.
- Can Be Provided Vertically In Case Of Falling Film Absorbers And Horizontal When reflux System Are To Be Provided In Condensers.
- Working Condition: Full Vacuum To 1 kg / cm2 Pressure
- For clients benefit, we also offer erection and commissioning services.

Graphite coolers or heat exchangers consist of a blocks drilled on two sides. One side of these blocks contains the fluid that must be either heated or cooled. The second side contains coolant or the heating medium so that it can either provide the heat required or absorb the heat from the process media through high thermal conductive Graphite blocks. Block type heat exchangers are typically used for high-pressure This is because the block type heat exchangers are robust due to their shape and strength.

There are several thermal design features that are to be taken into account when selecting coolers or heat exchangers like:
- Horizontal designs
- Vertical designs
- Capable of handling heating utility medium as steam, heat transfer oil or other mediums.
- Capable of handling cooling medium as water or even brine.

Packaging Details:

- Carton Packing, Box packing or loose supply in separate vehicle.

| DETAILS OF STANDARD CUBICAL BLOCKS USED IN MANUFACTURING OF GRAPHITE HEAT EXCHANGERS, CONDENSERS, ABSORBERS, EVAPORATORS |
|-----------------|----------------|----------------|----------------|----------------|
| MODEL           | SSB / M4       | SSB / M5       | SSB / M6       | SSB / M7       |
| DP1             | 25.4 X 25.4 X 50 | 18.75 X 18.75 X 50 | 12.5 X 12.5 X 50 | 7.5 X 7.5 X 50 |
| DP2             | 20.5 X 20.5 X 50 | 15 X 15 X 50    | 10 X 10 X 50   | 5 X 5 X 50     |
| DP3             | 16 X 16 X 50    | 12.5 X 12.5 X 50 | 9 X 9 X 50     | 6 X 6 X 50     |
| DP4             | 12.5 X 12.5 X 50 | 9 X 9 X 50    | 6 X 6 X 50     | 4 X 4 X 50     |
| DP5             | 9 X 9 X 50      | 6 X 6 X 50     | 4 X 4 X 50     | 3 X 3 X 50     |

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E-mail: service@graphicarb.com
www.graphicarb.com
Graphite Condenser

**Salient Features**

- Cubical block type, simple robust and easy to install 
- Tough construction 
- Consists of entry chamber, multiple process blocks and exit chamber all made of impervious graphite 
- Simple design and easy dismantling as compared to circular blocks 
- Resistant to thermal shock 
- Multiple passes can be provided on service as well as process sides 
- Flexibility of adding more blocks to increase heat transfer area 
- For connection nozzles, metal plate apply compressive load on graphite as graphite has high compressive strength thus prevents connection nipples from easy breakages. 
- Easy cleaning because of short channels 
- Short channel lengths increases turbulence as a result avoids frequent deposits or fouling as compared to shell & tube type heat exchangers of same dimensions. Cubical block type heat exchanger provides 2 to 3 times more heat transfer. 
- Can be provided vertically in case of falling film absorbers and horizontal when reflux system are to be provided in condensers. 
- Working condition full vacuum to 5kgh/m2 pressure. 
- For clients' benefit, we also offer erection and commissioning services.

**Packaging Details:**

Carton Packing, Box packing or loose supply in separate vehicle.

<table>
<thead>
<tr>
<th>Model</th>
<th>300/400</th>
<th>150/250</th>
<th>100/150</th>
<th>50/100</th>
<th>30/50</th>
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<tr>
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<td>2000</td>
<td>1500</td>
<td>1000</td>
<td>500</td>
<td>300</td>
</tr>
</tbody>
</table>

A properly designed Graphite Condenser between the process and vacuum producing equipment will yield significant advantages. The use of a process vacuum condenser can permit significant reduction in the size of the vacuum producing equipment. A condenser can recover for reuse valuable product that's carried from the process with non-condensable gases. It can reduce the amount of wastes produced by the process. Vacuum system and lower the process operating cost. Graphicarb, Graphite Process Condensers can be designed for surface type, mounted horizontally or vertically, freeze condensation or conventional condensation type.

Matching the Process Vacuum Condenser with vacuum producing equipment is the best way to meet the process objectives. Graphicarb manufactures both the Process Condenser and the vacuum producing equipment.
Graphite Vacuum System

Single Stage Vacuum System
Complete skid-mounted vacuum system is a combination of Steam Jet Ejector, Condenser and Internal piping all of Graphite. In Steam Jet Ejector which is based on the venturi-principle, steam issuing through an expanding nozzle has its pressure energy converted to velocity energy. A vacuum is created and the high velocity of steam entrains air or gas and the mixture of gas and steam enters the converging end of the venturi, passes through the diffuser where its velocity energy is converted into pressure sufficient discharge against a predetermined back pressure. This combination is introduced in a Condenser made of Graphite and maximum vapor is condensed and is let out of the condenser unit through outlet connection provided. All the vapors are condensed into its liquid stage and what leaves the system is just Pure Air having vapors in PPM.

Multiple stage vacuum system
Staging of ejectors becomes necessary for economical operation as the absolute suction pressure decreases. Based upon the use of auxiliary equipment, two and three-stage ejectors can either be condensing or non-condensing types.

Two-Stage Steam Jet Ejector Principle of Operation
Two-Stage Steam Jet Ejectors have the same general field of application as the single stage units. They handle both condensible and non-condensible gases or vapors, as well as mixtures of the two. The general operating range is between 5” Hg abs. and 3 mm Hg abs.

Three-Stage Steam Jet Ejector Principle of Operation
Three-Stage Ejectors are recommended for applications where a two-stage unit will not provide low enough suction pressure economically. Applicable range is from 26 mm Hg abs. to 0.8 mm Hg abs. Three-Stage Condensing Steam Jet Ejectors consist of a booster jet, a condenser, and a two-stage ejector consisting of a high-vacuum ejector, an inter-condenser, and a low vacuum ejector. In some applications another condenser (after-condenser) can be used at the low vacuum ejector discharge.

This way, through multiple stages vacuum system, all the vapors are condensed into its liquid stage and what leaves the system is just Pure Air having vapors in PPM.

Salient Features
- Consist of Graphite Ejectors, Efficient Graphite condensers and Graphite inter-connecting piping.
- Low steam consumption.
- Ejector Sizes range from 25 NHP to 300 NHP
- Capable of creating Vacuum upto 0.5 torr.
- Can be supplied as single stage, two stage and three stage.

Applications
- De-carbonating brewery water.
- Creating chemical process vacuums.
- Water treating by degasifying.
- Perfume concentration.
- Distillation.
- Impervious Graphite is the material which can handle highly corrosive vapors received from the reactors.

A Typical Skid Mounted Four Stage Vacuum System Capacity : 1 Torr

<table>
<thead>
<tr>
<th>DETAILS OF STANDARD CLINIICAL BEDS USED IN MAINTAINING OF GRAPHITE HOT EXCHANGERS, CONDENSERS, INTERCONNECTING PIPING AND COVERS</th>
<th>MODEL</th>
<th>HOTTER SIDE</th>
<th>COLD SIDE</th>
<th>NUMBER OF SIDES</th>
<th>SIDE材料</th>
<th>NUMBER OF SIDES</th>
<th>SIDE材料</th>
<th>MILLIMETER</th>
<th>SIDE材料</th>
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<tbody>
<tr>
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<td>122</td>
<td>3</td>
<td>A10</td>
<td>26</td>
<td>122</td>
<td>3</td>
<td>A10</td>
</tr>
<tr>
<td>A20</td>
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<td>A10</td>
<td>26</td>
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<tr>
<td>A30</td>
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<td>126</td>
<td>9</td>
<td>240</td>
<td>240</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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Graphite Ejectors

Graphite Ejector Single Stage
A wide range of graphite ejector offered by us is the combination of water jet ejector and steam jet ejector. These ejectors are acknowledged for handling highly corrosive vapors and fluids and saves energy. These precision-engineered ejectors are high in quality, maintenance-free and thermal shock resistant. These find their applications in bulk drugs, agrochemicals and allied industries and can also be customised as per the requirements of clients.

Multi-Stage Steam Jet Ejectors
Staging of ejectors becomes necessary for economical operation as the absolute suction pressure decreases. Based upon the use of auxiliary equipment, two and three-stage ejectors can either be condensing or non-condensing types. Single-Stage Steam Jet Ejectors are based on the jet-venturi principle. In operation, steam issuing through an expanding nozzle has its pressure energy converted to velocity energy. A vacuum is created and the high velocity of steam entrains air or gas and the mixture of gas and steam enters the converging end of the venturi, passes through the diffuser where its velocity energy is converted into pressure sufficient to discharge against a predetermined back pressure.

Liquid Ejectors (Exhausters) - Vacuum and Scrubbing
For batch plant applications requiring coarse vacuum, low level installation and inline scrubbing. With the liquid recirculating pump being the only moving part the Liquid Jet Exhauster System is simple to maintain and reliable to operate. The ability to produce vacuum and simultaneously scrub entrained gases before discharge to atmosphere, makes the system ideal for contaminated and/or corrosive applications.

Advantages
- Reliable operation
- Scrubs outlet gases
- Handles liquids/particles without damage
- Low level operation
- Simplicity
- Low noise levels
- Custom designed Materials to suit process fluid
- Motive pump only moving part

Construction
Three basic parts of typical ejector are nozzle, mixing chamber and diffuser. High pressure motivating fluid enters nozzle 1, expands through the converging/diverging nozzle, 2, where pressure energy is converted to velocity (kinetic energy). Suction fluid enters at 3, mixes with the motivating fluid in the mixing chamber, 4, and passes on through venturi throat. Both fluids are re-compressed through the diffuser to discharge. Pressure profile (b) and velocity profile (c) of the fluids are identified by points described above.

In the typical ejector configurations shown, stages are identified by letters assigned in reverse alphabetical order. As a result the final stage discharging to essentially atmospheric pressure is Z, the penultimate stage is Y.
**Sulphuric Acid Dilution Unit**

Our clients can avail from us the precision engineered graphite sulphuric acid dilution unit that is design and developed using superior quality raw material and advanced manufacturing technologies. It is simultaneously beneficial for both dilution as well as cooling of acid. The unit is high in performance and can withstand various adverse working conditions.

Diluting concentrated sulphuric acid releases considerable quantities of heat with mixing temperature up to 170°C and above, it is therefore beneficial to dilute and cool acid simultaneously.

This can be accomplished in a single operation with graphite block type dilution cum cooling unit. Unit consists of mixing head, which provides separate feed for concentrated sulphuric acid and dilution water. Block type cooling unit provided along with it serves to carry off the heat produced in the course of dilution.

The water and acid are combined only in mixing chamber, from here dilute acid flows through process channels of the process blocks. These process channels comes indirectly in contact with the service channels through impermeable graphite and using its high thermal conductivity.

Locates it's Latent Heat And What Cover Out Of The Unit Is Dilute Sulphuric Acid At Observed Low Temperature.

---

### Salient Features

- Skid mounted unit consists of graphite mixing unit, graphite after cooler, graphite inter connecting pipes, teflon lined NRV and bends
- Simple robust and easy-to-install tough construction.
- Multiple passes can be provided on service sides.
- Graphite has high compressive strength so metal plate apply compressive load on graphite
- Simple design and easy dismantling as compared to circular blocks.
- Flexibility of adding more blocks to increase heat transfer area.
- Easy cleaning because of short channels.
- Short channel lengths increases turbulence as a result avoids frequent deposits or fouling as compared to shell & tube type heat exchangers of same dimensions, cubic block type heat exchanger provides 2 to 5 times more heat transfer.
- Working conditions: Upto 5kg/cm² pressure.
- Resistant to thermal shock.

---

| DETAILS OF STANDARD BLOCKS USED IN MAKING OF GRAPHITE HEAT EXCHANGERS, COOLING UNIT, DILUTORS, MIXING UNITS AND COOLER | | | | | | | |
|---|---|---|---|---|---|---|
| MODEL | S.D.P | MIN. DIA. | MAX. DIA. | MIN. LENGTH | MAX. LENGTH | S. N. |
| GP2 | 325 x 325 x 320 | 18 | 10 | 9 | 10 | 2 |
| GP3 | 325 x 325 x 320 | 18 | 10 | 9 | 10 | 2 |
| GP4 | 325 x 325 x 320 | 18 | 10 | 9 | 10 | 2 |

---

**Sulphuric Acid Dilution Unit**

98% to 64% Strength
**Graphite Spare For HCL Furnace**

Facilitated with various manufacturing facilities, we are involved in manufacturing a broad range of graphite spare for HCL furnace that includes Graphite Shells, Weirs, Burner Caps, Tubes, Bursting Discs, Packed Tower, Rasching Rings, Bubble Caps, Down Comers, etc. The range is designed and developed using superior quality material as per the set industrial standards and can also be custom designed as per the requirements of our clients.

We are engaged in manufacturing and supplying a wide range of HCL furnace spares. Synthetic HCL is produced by Caustic Chlorine Industries by using Chlorine Gas and Hydrogen Gas with the help of graphite furnace. These furnace spares are available in a wide variety which includes:

- **Salient Features**
  - Graphite Shells
  - Weirs
  - Burner Caps
  - Tubes
  - Bursting Discs
  - Rasching Rings
  - Bubble Caps
  - Down Comers, etc.

---

**Graphite Tiles**

We are engaged in offering graphite tiles that are used for the internal lining of metal reactors. These are easy to maintain as compared to glass lined reactors and are excellent for heat transferring from jacketed vessel. These tiles are manufactured using high-grade material and are used for both heating and cooling facilities. The biggest benefit of graphite lined reactor over glass lined reactor is that even if some damage has occurred on lining, it is possible to replace the damaged area by applying a small patch of lining material on the damaged area.

We provide impervious graphite tiles along with the Graphite-based cement for fixing the tiles on reactor/tank wall.

- **Salient Features**
  - Impervious Graphite tiles of Standard size of 210 x 75 x 10mm.
  - Can be supplied by Graphite-Based cement for fixing on Reactor/Tank wall.
  - Corrosive Resistance.
  - Capable of being used in lining of both, Heating and Cooling Functions.
  - Reasonable Prices
  - Easily possible to cut different sizes on site.
  - Reparable

---

**Graphite Tubes**

We offer a wide range of high quality graphite tubes which can be used for making equipment as well as can be used for piping work. Graphite tubes can be used for handling corrosive vapors and fluids.

---

**Graphite Wipers**

The graphite wipers available with us represent a unique combination of physical and chemical properties. They are available in different sizes and specifications and have good mechanical and sliding properties. A Thin Film Evaporator consists of a jacketed cylindrical heating section, a top upper section with an entrainment separator, a top cover with mechanical seal housing and reeler bearings, and a bottom conical section housing the lower bearing.

We make wipers for all type of rotor designs example rotor with radially moving wipers.

In a wiped film evaporator, internally revolving rotor equipped with our wipers or blades provides best internal distribution and rapid transport of the product film over the heated area. This causes fast evaporation.

Furthermore, certain physical characteristics can be matched to given specifications by varying the raw materials and the manufacturing processes. We can supply a wide range of graphite WIPERS with following features.

- **Salient Features**
  - Wipers can be supplied upto 400mm length.
  - Temperature resistance upto 1200 deg. cent.
  - Best lubricating and sliding properties to prevent wear of evaporator's cylinder.
  - Chemical resistance.
  - Prompt deliveries.
  - Huge quantities can be supplied.
Graphite Plate

We offer precisely manufactured graphite plates. These plates are good conductors of electricity and heat. Graphite materials are available as round rods and rectangular blocks, with relatively fine grain size, and have good mechanical, electrical and thermal properties, with low ash content. A preferential grain orientation is their prominent property. Density, mechanical strength and oxidation resistance can be improved by means of further impregnation. The unique combination of physical and chemical properties has made graphite a most remarkable and attractive material for many modern industries and technologies as follows:

- Chemical Industry
- Aerospace Industry
- Foundry Industry
- Vacuum Furnace Industry
- Mechanical Industry
- Electronic Industry
- Distribution Columns
- Oxidation Resistant Graphite
- Other Industries and Technologies

Furthermore, certain physical characteristics can be matched to given specifications by varying the raw materials and the manufacturing processes. We can supply a wide range of graphite rods, blocks and cut-off plates below:

- Graphite Plates
- Oxidation Resistant Graphite
- Extruded Graphite
- Vibration Molded Graphite
- Further Processing Graphite, such as Impregnated Graphite, Oxidation Resistant Graphite,

Graphite Rods

We offer a huge assortment of graphite round rods. Graphite materials are available as round rods and rectangular blocks, with relatively fine grain size, and have good mechanical, electrical and thermal properties, with low ash content. A preferential grain orientation is their prominent property. Density, mechanical strength and oxidation resistance can be improved by means of further impregnation. It can be used mostly as electrodes or even for raw material for making various graphite components. The unique combination of physical and chemical properties has made graphite a most remarkable and attractive material for many modern industries and technologies as follows:

- Chemical Industry
- Aerospace Industry
- Foundry Industry
- Vacuum Furnace Industry
- Mechanical Industry
- Electronic Industry
- Oxidation Resistant Graphite
- Other Industries and Technologies

Furthermore, certain physical characteristics can be matched to given specifications by varying the raw materials and the manufacturing processes. We can supply a wide range of graphite rods, blocks and cut-off plates below:

- Graphite Rods
- Impregnated Graphite Rods
- Extruded Graphite Rods
- Further Processing Graphite, such as Impregnated Graphite, Oxidation Resistant Graphite,

Carbon Raschig Ring

Carbon Raschig Rings find application in industrial projects like Absorption Tower, Distribution Towers, Distribution Columns, scrubbers etc. because of following salient features. We can supply huge quantity of raschig rings in less time to fulfill customer’s requirements. We prominently manufactured a wide range of carbon graphite raschig ring that are acknowledged for high quality and durability. Available in various sizes and specifications, these raschig rings are non-reactive to a wide range of chemicals and temperatures resistance to thermal shock and have high thermal conductivity. Our range of carbon graphite raschig ring support various heavy duty operations and can also be customized as per the specifications provided by client.

We are a prominent manufacturer and supplier of rings. These raschig rings are acknowledged for its high quality and durability. Our raschig rings find application in various industrial projects like Absorption Tower, Distribution Towers, Distribution Columns, scrubbers and many more.

Salient Features

- Made of Carbon Graphite.
- Non Reactive to most known chemicals.
- Resistance to Corrosive Chemicals Over a Wide range of Temperature.
- Resistance to Thermal Shock.
- High Thermal Conductivity.

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