

JM Graphite & Carbon India LLP

ESTABLISHED IN THE YEAR 1972



**CARBON &
GRAPHITE
EXPORTER &
MANUFACTURER**

JM GRAPHITE & CARBON (INDIA) LLP

📍 VASAI EAST PALGHAR, MAHARASHTRA

✅ GST NO. 27AAKFJ2381B1ZJ

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Company Profile

KNOW US

"Jm Graphite & Carbon (india) Llp" was established in the year 1972 as a pioneer industry in the field of Graphite & Carbon by an enterprising businessman Late "Mr. Mahendra Bhai C. Shah" with his knowledge of diverse & unique properties of Carbon. He had a futuristic vision to develop Graphite & Carbon items as import substitute product that find application for many important engineering duties. We at G.C.C. have pioneered the manufacturing of Carbon Graphite items with completely indigenous know how & gradually improved & perfected the technology that has helped in attending the status of a major manufacturer for Carbon & Graphite items.

AFFORDABILITY

All products are available at economical prices that make them affordable for big manufacturers to small scale businessmen. Apart from our Indian customers we also cater to the overseas markets like Bangladesh, Dubai, Egypt, Jordan, Malaysia, Nepal, Sri Lanka, Sultanate of Oman, Turkey etc.

OUR TEAM

We have a team of professionals who possess sound experience of the industry. Our diligent and dynamic team is instrumental in providing our clients with transparency in dealings.

ADVANCE MANUFACTURING FACILITIES

We possess well equipped, state-of-art manufacturing unit and advanced workshop to test all our finished goods. All the machines, equipments, gadgetry are periodically checked & upgraded to meet the ever changing industrial demands of high speed, better quality & high quantity production.

CUSTOMIZATION

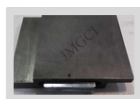
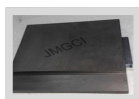
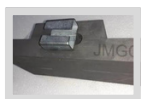
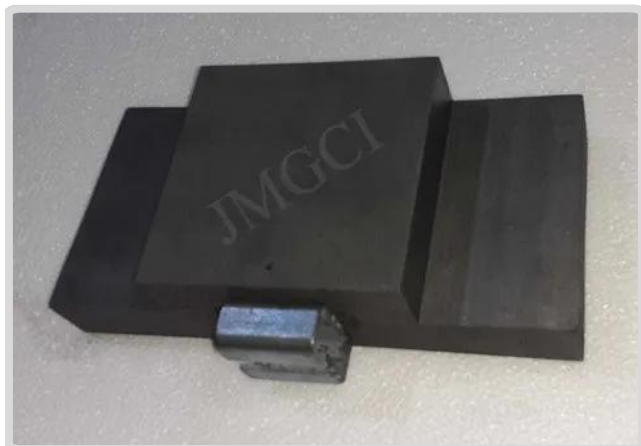
Backed by a team of skilled engineers, we are able to meet customer's specific requirement with accurate products. We work hand in hand with clients to develop exact designs, product features & quality standards to execute their specific operations.

WHY US?

We are reckoned among the prominent manufacturers and exporters of Carbon, Graphite and Fiber Components, Rotary Pressure Joints, Seals, Thermosyphon Vessels and Industrial Equipment. Our range is high in quality and is acknowledged across the world, for optimum performance and durability. We have earned a huge clientele in India and the Gulf countries, due to our dedication towards offering a quality range of products.

Graphite Technology

Graphite Inlet and Outlet Seal for Rotary Klin

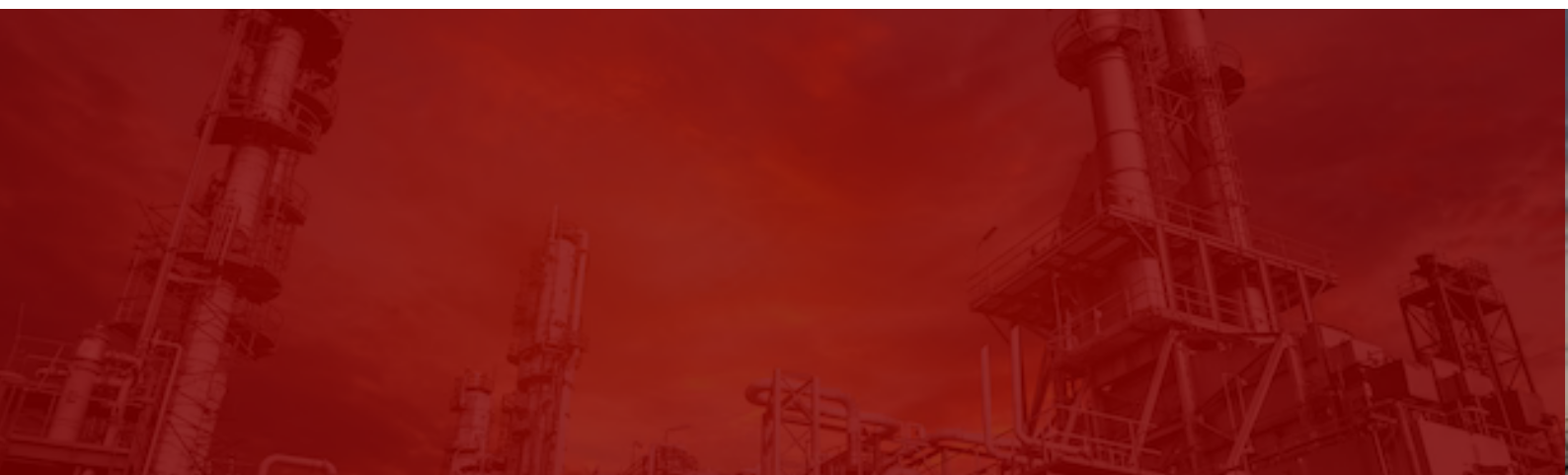


Product Details:

| | |
|-------------------|---------------------|
| Shape | Rectangular |
| Thickness | 40mm/72mm |
| Material | Fine Grain Graphite |
| Density | 1.78 |
| Color | Grey |
| Grade | Isostatic |
| Brand | GCI |
| Usage/Application | Klin,Rotary Klin |

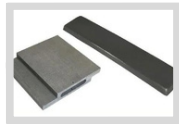
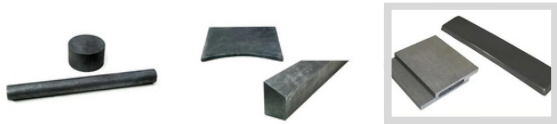
Product Description

We are Leading Manufactuerers of Graphite Inlet & Outlet seals. These are used mainly for Rotary Kiln.This innovative Graphite Rotary Kiln Sealing can make any existing kiln more efficient by optimising pressure stability and reducing the realease of hot gas and dust particles.Its modular frames allows for pre-assembly which means fast easy installation with minimal downtime.Its increases your energy efficiency with our innovative graphite seal that works on any kiln- any size, any manufacturer.We delivera module that is designed to integrate with your existing casing and cooling mantle with no modification required.



Graphite Technology

Graphite Blocks / Rod For Lubrication For Supporting Roller Machine



Product Details:

| | |
|-------------------|-------------|
| Usage/Application | Industrial |
| Material | GRAPHITE |
| Minimum Order | 1000 Piece |
| Brand | Jm Graphite |

Product Description

The Graphite is use where the properties of lubrication is required. Graphite is use in different kind of industries for lubrication purpose where the working temperature is high. Graphite material are mainly use in cement industries in Kiln plant where the lubrication purpose is required. Graphite comes in different form such as Powder, Rods, Block, etc. They are machined as per the drawing or size according to the requirement.

Application:

- Cement Industries
- Fertilizer Industries
- Metal Manufacturing Company such as Brass, Steel, Aluminium, Copper, etc.

Graphite Technology

Easy Lube Bar For Rotary Kiln



Product Details:

| | |
|--------------------|-------------------------------|
| Graphite Content | 12.54% |
| Application | Kiln Tyre Librication |
| Solid Content | 51 % (TYP) |
| Melting Point | 134 F |
| Texture | Matt Finished - Smomth / Hard |
| Colour | Maroon / Brown |
| Flash Point | 580 F |
| Viscosity at 100 C | 11 (CST) |
| Size of Lub Bar | 300 x 55 x 8 mm |
| % Ash Cintent | 15.52 |

Product Description

Easy bar is a solid high- temp Lubricant Bar that melts when placed on the hot Surface of Kiln or Dryer shell. Easy bar's pretended bend of Graphite, minerals and metal lubricants are suspended in a solid polymer binder. when places between the tire and the kiln shell, the carrying agent melts and releases the lubricants. The rotation of Kiln distributes the lubricants over the filter bar and inside the tire bore.



Graphite Technology

Graphite Crucibles & 'V' Block



Product Details:

Minimum Order Quantity -1000 Piece

Material - Indeginous Grade

Usage/Application - DC / AC Motors, Slip Rings Motors, Power Generators, Welding Generators, Crane Installation

Color - black

Brand - JMGCI

I Deal In - New Only

Country of Origin - Made in India

Product Description

Established in the year 1972 under the name Graphite & Carbon Corporation(India), we manufacture Graphite Crucibles & 'V' Block For Diamond Industries.



Graphite Technology

Graphite Rails for Monforts Stenter M/C (Without Cover)



Product Details:

| | |
|-------------|--|
| Size | 9x13x1000 mm, 9x13x200 mm, 170x9x13 mm |
| Size B | 9 x 13 x 200 mm |
| Steel Grade | Graphite carbon |
| Material | Carbon |

Graphite Rails Bruckner Stenter M/C



Product Details:

| | |
|-------------------|------------|
| Size | 5x15x598mm |
| Size B | 5x19x598mm |
| Size C | 5x25x598mm |
| Usage/Application | Industrial |



Additional Information:

- Item Code: 84482000
- Production Capacity: PER MONTH 10000
- Delivery Time: 1 week
- Packaging Details: 10 NOS TOGETHER IN FOIL PAPER & THEN TOGETHER IN WOODEN CASE

Graphite Technology

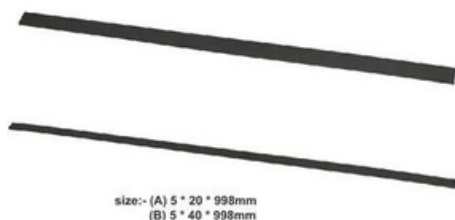
Graphite Slide Rails Famatex Stenter M/C



Product Details:

| | |
|----------------|-----------------|
| Packaging Type | Box |
| Brand | JM Graphite |
| Size | 9 X 13 X 494 mm |
| Material | Carbon |
| Thickness | 3-10 mm |

Graphite Rails For Krantz Stenter M/C



Product Details:

| | |
|-----------|----------------------------------|
| Size | 5 X 20 X 998 mm, 5 X 40 X 998 mm |
| Brand | JM Graphite |
| Material | Carbon |
| Thickness | 3-10 mm |

Every Where Temperatures Are Occur And Oil Free Slide Ways Are Required. Graphite Carbons Finds Employment As A Lubricating Material Especially In Textile Industries Are Asbestos Graphite Slide Rails Used In Ordered To Avoid Contamination Fron The Normally Used Lubricating Agents. We Have Developed Asbestos Graphite Slide Rails For Famatex, Monforts, Bruckner, Krantz Stenter Machines For Which We Have Received The Technical Know-how From Abroad. It Has Properties Like Self-lubricating Durability, Long Life, Strong Enough With A Good Flexibility And Highly Heat Resistance. In ResEvery Where Temperatures Are Occur And Oil Free Slide Ways Are Required. Graphite Carbons Finds Employment As A Lubricating Material Especially In Textile Industries Are Asbestos Graphite Slide Rails Used In Ordered To Avoid Contamination Fron The Normally Used Lubricating Agents.

Graphite Technology

Graphite Rail For Monforts Stenter M/C With Cover



Product Details:

| | |
|----------------|--------------------------------------|
| Packaging Type | Box |
| Brand | Famatex Stenter |
| Size | 9x13x170 mm |
| Material | Graphite |
| Usage | Monforts Stenter M/C (With Cover) |

Product Description

Every where temprature are occur and oil free slide ways are required. Graphite Carbons finds employment as a lubricating material especially in Textile Industries are Asbestos Graphite Slide Rails used in order to avoid contamination from the normally used lubricating agents.

We have developed Asbestos Graphite Slide Rails for FAMATEX, MONFORTS, BRUCKNER, KRANTZ STENTER MACHINES for which we have received the technical know-how from abroad. It has properties like Self-lubricating Durability, Long Life, Strong enough with a good flexibility and highly heat resistance. In result of these, Stenter Machines will run smoothly without much load over the Electrical, Motors and also it will increase the life of Stenter Clips.



Graphite Technology

Graphite Sliding Part



Product Details:

| | |
|----------------|-------------|
| Brand | JM Graphite |
| Sizes | Customized |
| Packaging Type | Wooden Box |
| Usage | Industrial |
| Material | Graphite |

Product Description

Precision machined parts like pans, boats, chequered plates and rectangular large plates, fixtures and covers fabricated from fine - grained graphite blocks. These parts are used as carries for "green" carbide bits and tools for sintering. High Grade Carbon with high resistance of wear and tears.



Graphite Technology

Graphite Lined Reactors Graphite Bricks



Product Details:

| | |
|----------------------|--|
| Shape | Round |
| Density | Density 1.8 gms/c.c |
| Compressive Strength | Comp. Strength 600 kg/cm2 & Above |
| Flexural Strength | Flexural Strength 300 kg/cm2 & above |
| Temperature | Thermal Conductivity (At 1800 C.) 120 KCAL / MH DEG CENT |

Product Description

We have wide range of Anticorrosion Solutions product. Keeping in view especially for the Chemical reactor for various chemical reaction in industries like Heavy Chemical, Pharmaceuticals, Food & Drug, Dye and Pigment, Paints, Adhesive, Color, Concrete related chemicals where they are facing corrosive problems, Heating and Cooling reaction required and prevention of M.S. / S.S. reactor / G.L. / & Lead bonded reactors. We have developed Graphite Tiles for the Reactors, Jacketed Vessels & Storage tank, & Agitators



Graphite Technology

Non Impregnated Carbon Bricks



Product Details:

Density - 1.5 gms/cc Avg.

Porosity - 18 - 24 %

Thermal Conductivity - 4 - 6 w/mk.

Tensile Strength - 60 kg/cm²

Water Absorption - 12-18 %

Ash Content - 1 % Max.

Flexural Strength - 100 - 150 Kg/cm² Avg.

Carbon Content - 99 % Approx.

Thickness - 10 to 100 mm

Abradability Index - 100 -110 on Morgan Scale

Temp Resistivity - 750 Deg C

Comp Strength - 350 kg/cm² Avg.

Product Description

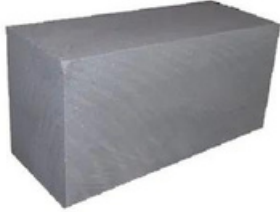
We having another range of manufacture of Non-impervious Carbon Bricks Quality (Confirming to as per ASTM or DIN Standard) especially designed for Highly Corrosion Resistance including all major Acids and Alkalies. More than 750°C temperature absorbing capacity. Carbon Content is 99% minimum & very low ash i.e. less than 1.0 %

Chemical Duty: Suitable for Phosphoric Acid /H₂SO₄/ HF / Fluorosilicic Acid / HCL Upto temp. 750°C. Suitable for HNO₃ & all Alkalies max. Con. 30%, Temp. upto 120°C



Graphite Technology

Carbon Bricks Phenolic Impregnated



Product Details:

Density - 1.6 gms./cc Avg.

Porosity - 4 % Max.

Thermal Conductivity - 4 - 6 w/mk.

Ash Content - 1.5 % Max.

Thickness - 10 to 100 mm

Tensile Strength - 125 kg/cm² Avg.

Temp Resistivity - 180 Deg C

Flexural Strength - 300 kg/cm² Avg.

Water Absorption - 2 % Max.

Comp Strength - 600 kg/cm² Avg.

Abradability Index - 140 on Morgan Scale

Carbon Content - 98 - 99 % Min.

Product Description

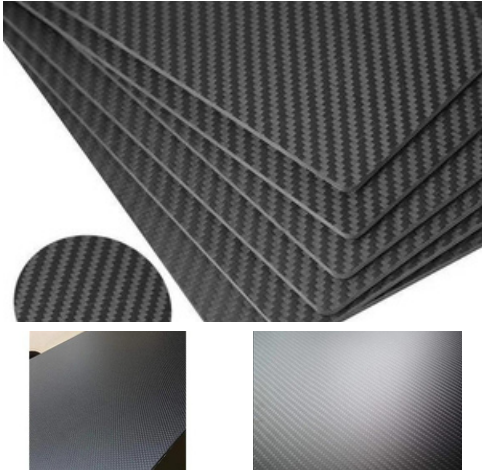
We specialize in the manufacture of Impervious Carbon Bricks (AF) Quality (Confirming to as per ASTM or DIN Standard) especially developed for Highly Corrosion Resistance, Excellent Resistance to Thermal Shocks, High Crushing Strength, High Thermal Conductivity & it withstand a temperature upto 180°C. Very minimum Porosity i.e. 2-3 % & Maximum Carbon content i.e. 98 % and Low Ash.

Chemical Duty: Suitable for Phosphoric Acid / HF / Fluorosilicic Acid / H₂SO₄ & HCL Upto temp. 180°C Suitable for HNO₃, max. Con. 30%, Temp. upto 90°C



Carbon Technology

Carbon Fibre Composite Polymer Sheet



Product Details:

Material - CARBON

Size - 1 Mtr X 1 Mtr

Brand - JMGCI

Material Grade - AS PER CLIENT REQUIREMENT

Thickness - 0.5 MM TO 20 MM

Country of Origin - Made in India

Product Description

We manufacture Carbon Fibre Composite polymer in the form of sheet/rod as per the client requirement. It can be manufactured as per client drawing in the form of sheet or rod, which is 10 times lighter in weight.

The carbon fibre material is 5 times stronger than stainless steel and can be used in various applications, where light weight is required and stronger material to resist wear and tear and high temperature.

Additional Information:

- Item Code: 68151090
- Production Capacity: 1000 PER ANNUM
- Delivery Time: 2 TO 3 WEEKS DEPENDS UPON QUANTITY REQUIRED
- Packaging Details: CORRUGATED BOX

Carbon Technology

Carbon Gland Packing Ring



Product Details:

Color - Black

Usage/Application - Industrial

Shape - Round

Material - Graphite Or Carbon

Material Used - 550 CLS or Above

Brand - JM Graphite

Product Description

We also Carbon Gland Packing Rings which are used in Steam, Turbine, Water Turbine, Gas Turbine for different type of industries like Sugar, Cement, Textiles, Power Plant & Electricity Board etc... These Packing Rings are of various types and size used in Turbine of various kind also the Piston Ring which are also used in Compressors not only as the Piston Rod Packing but also as the Components of Pistons, Pistons Rings & Guide Rings. Carbon glands are used in the sealing of liquids and gases, restricting leakage to a minimum. Carbon Gland rings provides an economical simple and effective seal on impulse turbines, water turbines, steam turbines, gas turbines, low pressure fans and blowers.

Application:

- Water Turbine
- Steam Turbine
- Gas Turbine
- Rotary Compressors & Blowers

Material Used:

- Carbon resin impregnated (sinthered process) to suit temperature upto 350 to 400 cls.
- Carbon without impregnated (sinthered process) to suit temperature upto 550 cls.
- Indeginous carbon (press to mould) to suit temperature upto 180 cls

Carbon Technology

Carbon Bush/Steam Joint Ring



Product Details:

Material - Carbon & Graphite

Usage/Application - Industrial

Media - Steam

Product Description

Steam Joint Rings offered by us are used in rotary pressure joints. These seal rings effect flow of hot liquid or steam from a stationery supply pipe to a rotating machine part. Machines like rubber mixing, roller mills, calendaring machines and cylinders are used in paper and textile industries as well as in plastics, chemicals and other industries for similar application.

Material Used:

- Carbon resin impregnated (sinthered process)
- Carbon metal impregnated (sinthered process)
- Deva metal carbon (press mould)
- Indigenous carbon (press mould)

Carbon Technology

Teflon Filled Carbon Sealing Rings



Product Details:

Usage/Application - Industrial

Material - Steel

Brand - JM Graphite

Color - Black

Product Description

We are the leading Manufacturers and Exporters from India for Teflon Mex Carbon Rotary Rings. Available in various Sizes as per clients requirements.



Carbon Technology

Carbon Brushes



Product Details:

Application - Generator, Motor, Slip Ring

Thickness - 0.25 inch

Width - 0.25 inch

Length - 0.5 inch

Brush Top - Pad

Product Description

The primary function of Carbon Brushes is to deliver or collect current from a rotating part of an electric Machine. The brushes should maintain a close contact with rotating part. (i.e. Commutator or slipring) / in order to ensure sparkless operation without wearing itself too quickly. There are various types of Carbon \ Brushes in different types of Grades like Hard Carbon (HC), Carbon Graphite (CG), Metal Graphite (MG), Silver Graphite (SG), Electro Graphite (EG), Natural Graphite (NG), Resin Bonded (RB) and Size which are used in electrical D.C Motors, Slip Rings Motors Power Generators, welding Generators etc.

Application:

- DC / AC Motors
- Slip Rings Motors
- Power Generators
- Welding Generators
- Crane Installation

Material Used:

- Imported Grade
- Indian Grade

Features & Benefits:

- Excellent self-lubrication and abrasion resistance
- Outstanding durability
- Superior conductivity
- Long life

Carbon Technology

Industrial Carbon Brushes



Product Details:

Minimum Order Quantity - 100 Piece

Application - Slip Ring, Motor

Length - 1.6-2.5 inch, <0.5 inch

Thickness - 0.6-1 inch, <0.25 inch

Brand - JM

Width - <0.25 inch

Brush Top - Pad

Sizes - Customized

Product Description

The primary function of a Carbon Brush is to deliver or collect current from a rotating part of an electric Machine. The brushes should maintain a close contact with rotating part, (i.e. Commutator or slipring) / in order to ensure sparkles operation without wearing itself too quickly.



Carbon Technology

DC Carbon Brush



Product Details:

Usage/Application - Motor, Generator

Phase - Three Phase

Brand - Jm Graphite

Length - 2.6-3 inch

Density - 132 to 162 g/cm³

Product Description

The primary function of a Carbon Brush is to deliver or collect current from a rotating part of an electric Machine. The brushes should maintain a close contact with rotating part, (i.e. Commutator or slipring) in order to ensure sparkless operation without wearing itself too quickly. There are various types of Carbon Brushes in different types of Grades like Hard Carbon (HC), Carbon Graphite (CG), Metal Graphite (MG), Silver Graphite (SG), Electro Graphite (EG), Natural Graphite (NG), Resin Bonded (RB) and Size which are used in electrical D.C. Motors, Slip Rings Motors Power Generators, Welding Generators etc.



Carbon Technology

Graphite Carbon Brush



Product Details:

Material - Graphite

Usage/Application - Power tool

Width - 8mm

Brand - Jm Graphite

Packaging Size - 1 Pair/box

Size - 5x8x12 mm

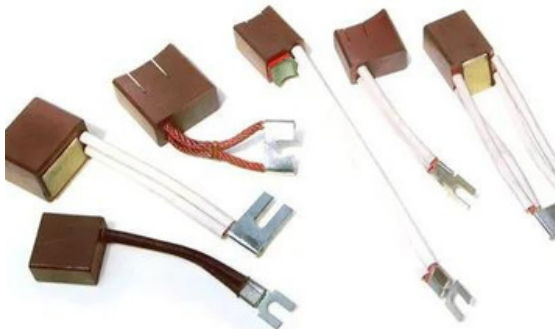
Product Description

We are Offering Graphite Carbon Brush.

Established in the year 1972 under the name Graphite & Carbon Corporation(India), we manufacture Carbon, Graphite & Fiber products for various type of industries like Textiles, Paper Mills, Cement Companies, Sugar Companies etc.

Carbon Technology

Metal Carbon Brushes for AC slip ring motor



Product Details:

Material - Carbon

Usage/Application - Motor

Length - 2.6-3 inch

Brand - Jm Graphite

Brush Top - Clip

Thickness - 1-1.5 inch

Product Description

We are offering metal carbon brushes.

Established in the year 1972 under the name graphite & carbon corporation(india), we manufacture carbon, graphite & fiber products for various type of industries like textiles, paper mills, cement companies, sugar companies etc.



Carbon Technology

DC Motor Carbon Brushes



Product Details:

Width - 0.6-1 inch

Length - 2.6-3 inch

Type Of Motor - DC Motor

Load - 10 to 12 A/cm²

Product Description

We are offering DC Motor Carbon Brushes.

Established in the year 1972 under the name Graphite & Carbon Corporation(India), we manufacture Carbon, Graphite & Fiber products for various type of industries like Textiles, Paper Mills, Cement Companies, Sugar Companies etc.



Carbon Technology

Electro Graphite Carbon Brush

Product Details:

Resistivity - 13 to 0.13

Color - Black

Density - 1.70 to 1.85 g/cm³

Dimensions - 5mm *11mm *17mm



Product Description

Established in the year 1972 under the name Graphite & Carbon Corporation(India), we manufacture Carbon, Graphite & Fiber products for various type of industries like Textiles, Paper Mills, Cement Companies, Sugar Companies etc.



Carbon Technology

Carbon Brush Holder



Product Details:

Minimum Order Quantity - 50 Unit

Usage - Electric Motor

Material - Carbon & Graphite

Product Description

The Carbon Brush Holder is very important to the life and operating efficiency of the brush and also to the parent machine. The quality of the brush performance is always dependent on the design and ability of the Brush Holder which supports it against the commutator or slip ring. Our research departments, with it's experience of more then 30 years in the field, has developed best quality materials for manufacturing brush holders suitable for their particular applications. We use the highest grade materials in the production of Brush Holders, such as brass sheet extrusions, sand castings, brass investment castings etc. which are proven to show the best possible heat dissipation and much resistance to mechanical strain. The Brush Holders can be supplied with surface treatment against corrosion, to enhance their performance and life span.



Carbon Technology

Slip Ring



Product Details:

Material Type - Copper

Phase - Single Phase

Usage/Application - Industrial

Brand - Jm Graphite & Carbon

Product Description

We are recommended amongst the clients for offering a quality range of Slip Ring. The Slip Ring we offer is safe to use and easy to install. These products are recommended amongst the clients for its sturdiness. Moreover, one can get these products at reasonable rates. The product we offer is made by using quality material. Offered products are known for their safe use and hassle free performance. Moreover, our products are available in the market at industry leading prices.

Features :

- Easy to use
- Highly acclaimed
- Durable

Carbon Technology

Carbon Raschig Rings Tower Packing Carbon



Product Details:

Brand - Jm Graphite

Hardness - 85 HSD

Material - PVC

Temperature - 100 to 150 Deg C

Density - 1.0-2.0 g/cm

Product Description

J.M. Graphite & Carbon (India) Llp Is One Of The Pioneer & Leading Manufacturer Of Carbon Raschig Rings. Which Is Made From High Purity Carbon; Production Process Is Binder Mixing, Pressing And Firing At A Temperature Of Around 9500C. Therefore It Is Entirely Carbonizing Process. More Than 99 % Carbon And Low Ash Content. Resultant Strongly Resistance Of All Acids / Alkalis / Solvents / Mixtures & Many More Chemicals Which Is Useful In Petrochemicals Project For Tower Packing Carbon, Having Long Life, High Efficiency For Many Corrosive & Temperature Separations As Well As Shock Resistance And High Temperature Stability. Also Used In Halogen Acid Processing; Hydrofluoric Acid Manufacturing, As Well As Sodium / Pottassium Hydroxide Scrubbers & Chlorine – Hydrochloric Mixtures



CNC Machine Components

CNC Turned Components Machining



Product Details:

| | |
|-------------------|---------------------|
| Material | Steel |
| Packaging Type | Box |
| Usage/Application | Industrial |
| Brand | Jm Gaphite & Carbon |

[VIEW MORE DETAILS](#)

Product Description

- The most contemporary CNC machining set up assist us in developing a wide range of CNC turned components.
- The technologically advanced machines help us customize this product to the exact requirements of our
- customers.
- Major products are Male-Female couplings, sleeves, wingnuts, hydraulic fittings and ghause.
- They are used for engine fittings in CNG, LPG, NPG motor vechicles suspensions, gearboxes, connecting rods, material handling equipments, automotive chasis and much more.

CNC Machine Components

Precision Machined Components



Product Details:

Material - Steel

Packaging Type - Box

Brand - Jm Graphite & Carbon

Usage/Application - Industrial

Finishing - Polished

Product Description

Our company specializes in manufacturing Precision Machined Components and executes custom orders. The well laid CNC machining center backs us to manufacture these precision machined components using various grades of raw materials. We manufacture these components from copper, SS 304, SS 316, Aluminium and Aluminium bronze etc. These machined components feature extremely close tolerance, smooth finish and dimensional stability.



Mechanical Shaft Seals

Plain Shaft Seals



Product Details:

| | |
|-------------------|---------------------|
| Brand | Jm Gaphite & Carbon |
| Shape | Round |
| Material | Steel |
| Usage/Application | Industrial |

[VIEW MORE DETAILS](#)

Product Description

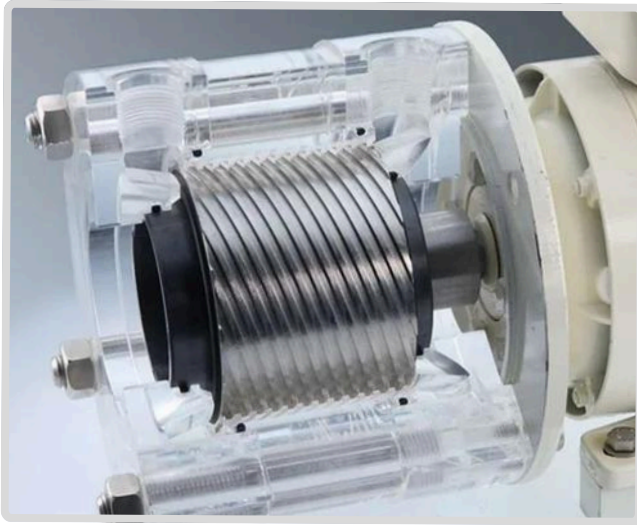
The Plain Shaft Seals offered by us has extensive usage in various industrial applications. The M2 mechanical seal range features a spring loaded solid carbon graphite seal face. These prove to be extremely cost effective, especially for basic applications, such as circulating pumps for water and heating systems.

For plain shafts, spring rotating a M2N:

- Single seal
- Unbalanced
- Conical spring
- Dependent on direction of rotation
- To DIN 24960*

Mechanical Shaft Seals

Pumping Screw Seals



Product Details:

| | |
|-------------------|-----------------|
| Material | Stainless Steel |
| Diameter | 28 - 200 mm |
| Fuel | Electric |
| Usage/Application | Industrial |

[VIEW MORE DETAILS](#)

Product Description

We are offering Pumping Screw Seals.



Mechanical Shaft Seals

Single Spring Unbalanced Seals



Product Details:

| | |
|-------------|------------------------------|
| Material | Stainless Steel |
| Size | 3/8 to 4.5 inch |
| Pressure | Below atmospheric to 150 psi |
| Temperature | From Cryogenics to 200 Deg C |
| Speed | 6500 rpm |

[VIEW MORE DETAILS](#)

Product Description

The GCC 201 Series Seals are designed to handle liquids of varying contaminations including slurries, sludges, sewage, viscous or abrasive etc. as these seals are self cleaning and non-clogging. These seals have a simple, compact design and are easy to install with practically no maintenance. The GCC 201 Series are unbalanced type seals. The rotary unit utilises a standard seal face with a single spring and secondary seal ring. This single spring is stronger and sturdier than multi-spring construction. Secondary Seal Rings are available in various forms such as 'O' Rings, 'V' Rings, Square Rings, Wedge and in various elastomers such as viton, neoprene, silicon, Bunna-N, EPT, Teflon, GFT, Grafoil, etc. The mating faces can be of high grade carbon, stellite, tungsten carbide, ceramic, etc. depending on the service conditions.

Application:

- The mediums are water, waste-water, for submersible & chemical pumps & equipment.
- To suit mediums such as oil, water & weak corrosive liquid.

Mechanical Shaft Seals

Mechanical Shaft Seals

JM GRAPHITE & CARBON



Product Details:

| | |
|-------------------|-------------|
| Brand | JM Graphite |
| Usage/Application | Industrial |
| Shape | Round |
| Material | Steel |

[VIEW MORE DETAILS](#)

Product Description

We manufacture all types of complete Mechanical Shaft Seals and Sealing Rings for different kind of application, such as circulation pumps and pressure pumps including all types of Pumps, Mixers, Agitators, Compressors which are currently and regularly being utilized by many types of Industries. Our Mechanical Seals can be operated at temperature ranging from 100 degree Celsius to 350 degree celsius. For application in such high temperature special material grades are used. The primary seal face is of high grade carbon. The bellows are made from neoprene viton and rubbers. The stationery face is of ceramic, satellite, tungsten carbide or silicon carbide depending on the service condition. Also we undertake to supply as per your specification sample or drawing.

Application:

- All kind of Pumps
- Mixers
- Agitators
- Kneaders
- Autoclaves
- Compressors

Mechanical Shaft Seals

Double Mechanical Seals



Product Details:

| | |
|----------|-------------------|
| Size | Customised |
| Material | Carbon & Graphite |

Type GCC 101/ GCC 101 Series
Type GCC 101-B Series

[VIEW MORE DETAILS](#)

Product Description

The GCC 101 Series Seals are designed to handle clear liquids under normal PV conditions. The seals have a simple, compact design, are easy to install and practically need no maintenance. The seals incorporate robust construction for maximum durability and operational reliability. The GCC 101 Series are unbalanced seals. The rotary unit is of compact design, consisting of multiple springs, dynamic secondary seal ring and a seal face, all accommodated in a retainer. Multiple Springs are used to avoid distortion at high speeds and ensure uniform pressure on-seal faces under all operating conditions. Secondary Seal Rings are available in various forms such as 'O' Rings, Square Rings, Wedge, etc. and in various elastomers such as viton, neoprene, silicon, Bunna-N, EPT, Teflon, GFT, Grafoil, etc. The mating faces can be of high grade carbon, stellite, tungsten carbide, ceramic, etc. depending on the service conditions.

Application:

- The mediums are all types of rotating equipment, pumps, mixers, agitators and compressors
- To suit industries such as general chemical, oil refining, petrochemical, pharmaceutical, food processing, pulp and paper and waste water treatment.

Mechanical Shaft Seals

Double Mechanical Seal



Product Details:

Material - Steel

Temperature - 80 Degree C

Usage/Application - Industrial

Product Description

We are a trusted name in the field of manufacturing of Double Mechanical Seal. Our range includes Cartex-DE, Double seal and Cartex-K-DE Double seal. These cater to the requirements of various industries and are in great demand among our clients due to features like quality and durability. We offer our range at cost effective prices to our clients.

Our range encompasses the following:

Cartex-DE Double Seal

- Double pressure balanced seal remains closed in the event of barrier pressure drop and / or pressure reversal
- Barrier system required
- Due to an integrated circulating device additional circulation device is obsolete

Cartex-K-DE Double Seal

- Parts in contact with the product are coated with Hater" (d2 larger)
- For aggressive media such as hydrofluoric acid, bromine, iron chlorides, hypochlorides and hydrochloric acid
- Dimensions, design and operating limits like Cartex-DE
- Accept temperature = 80°C (higher temperatures on request)

Mechanical Shaft Seals

GCC 610 Mechanical Shaft Seals



Product Details:

Size - 3/4 to 3.5 inch

Pressure - Below atmospheric to 300 psi

Temperature - Cryogenics to 250 Deg C

Speed - 4500 rpm

Product Description

The GCC 610 Series are designed for beam dyeing machines. These seals are single spring type and hence can handle media of various contaminations as they are self-cleaning and non-clogging. The large, sturdier spring ensures constant contact of mating faces and hence provides most efficient sealing. These seals are of compact design and easy to install. The rotary unit consists of a standard seal face, single spring, secondary seal ring and they all are accommodated in a common retainer. Secondary Seal Ring is of viton. The rotary seal face is of inserted tungsten carbide. The stationery seal face is of high grade carbon.

Application

- The mediums are water, waste-water, for submersible & chemical pumps & equipment.
- To suit mediums such as oil, water & weak corrosive liquid.

Mechanical Shaft Seals

GCC 201 Single Spring Unbalanced Seals



Product Details:

Temperature - Cryogenics 200 Deg C

Size - 3/8" to 4.5"

Pressure - Below atmospheric to 750 p.s.i.

Speed - 6500 rpm

Product Description

The GCC 201 - B series are balanced type seals designed to handle higher pressure applications with the same versatility and reliability as GCC 201 type. To accommodate the series, a step must be provided on the shaft sleeve to permit a design technique of balancing off some of the hydraulic forces which tend to overload the seal faces.

Application

- For all types of Equipment of pumping and centrifugal rotary.
- The mediums are oil, water and weak corrosive solution.

Mechanical Shaft Seals

GCC 101 / GC Double Mechanical Seal Unbalanced Type



Product Details:

Size - 3/8" to 6"

Temperature - Cryogenics to 260 Deg C

Pressure - Below atmospheric to 200 p.s.i

Speed - 4500 rpm

Product Description

Double Mechanical Seals are suitable where absolute leak-proof sealing is necessary due to the toxic/hazardous/volatile nature of the fluid. They are a combination of two conventional seals installed back to back inside the stuffing box. A compatible clean liquid is circulated between the two seals at a higher pressure than the pumpage product. The inner seal prevents the circulated liquid from entering the system and the other seal prevents it from leaking to atmosphere. The circulation of the liquid reduces the heat generated on the seal faces. These seals are available in different combinations suiting to service conditions. This is a combination of two unbalanced multi spring seals mounted back to back.

Application

- For all type of equipment of pumping & centrifugal rotary.
- The mediums are oil, water, weak corrosive solution. Double face, multiple springs, unbalanced structure & driven by set screw.

Mechanical Shaft Seals

Rubber Bellow Seals



Product Details:

Size - 1/2 to 4

Brand - Jm Gaphite & Carbon

Color - Black

Temperature - From Cryogenics to 260 Degree C

Pressure - Below atmospheric to 200 p.s.i.

Speed - 1500 RPM

Product Description

Rubber Bellow Seals are the most general purpose, low cost seals. The mediums are all type P-28 or centrifugal pumps turbine pumps, agitators, mixers, refrigerators, compressors etc.

The rotary unit is of a simple design and consists of flexible elastomeric bellow. Lapped Mating face. Single coiled spring driving band and disc. The seal has a large single coiled spring, which is non-clogging and self-cleaning and hence can be used for media of varying contaminations

The primary seal face is of high grade carbon. The bellows are made from neoprene viton. and nitrile rubbers. The stationary face is of ceramic, stellite or tungsten carbide depending on the service condition.

Application

- The mediums are all oil. water, general corrosive liquid
- For Auto-cooling pumps, centrifugal pumps, submersible pumps and industrial pumps.

Mechanical Shaft Seals

Teflon Bellow Seals



Product Details:

Size - 3/4" to 3"

Brand - Jm Graphite & Carbon

Usage/Application - Industrial

Material - Carbon & Graphite

Temperature - From Cryogenics to - 120 Degree C

Pressure - Below atmospheric to 75 p.s.i.

Speed - 4000 RPM

Product Description

The Teflon Bellow Seals are unrivalled In their ability to withstand highly corrosive fluids such as acids, alkalis, strong oxidizing' reducing agents etc.

All seal components that come in contact with pumped fluid are chemically inert materials like PTFE. GFT and pure Ceramic The heart of the seal is the flexible PTFE Below made from virgin grade Teflon. Springs and other metal parts are In Haste alloy-C. Alloy-20 etc. The rotary face is of glass filled Teflon. The Stationary face is pure ceramic. These seals are always installed externally.

Application

- The mediums are all type of strong acid, oxidant and other strong corrosive mediums.
- Externally mounted, single face, multiple springs and driven by pure PTFE bellows non-pusher, internal balance structure, fine fluctuate of compensation and reliable seals.

Contact Us

CONTACT DETAILS



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