



**Seals for Dairies**

Specially formulated food grade carbon graphite sealing rings in mechanical seals ensure safe use in equipments and machineries used in dairies and other related industries.



**Mechanical Seal Rings**

Carbon seal face rings in various sizes and designs and with close dimensional tolerance for use as an integral part of mechanical seals in general utility pumps and chemical pumps.



**Chemical Pump Parts**

Chemical pump parts like casing, impellar and seals are manufactured from acid resistant carbon material with better mechanical properties. Critically designed for optimum performance output and pressure.



**Sealing Rings for Water Pumps**

Controlled hardness, highly lapped and polished sealing dace, excellent wear resistance in wet running conditions. Ideally suited for water pump mechanical seals.



**Vanes for Rotary Pumps**

With low specific density, self-lubricating properties and without any effect in hot or cold liquids, carbon vanes find application in dry and wet running rotary pumps, compressors and vane-type vacuum pumps. These are ideally suited for rotary pumps handling water, petrol, fuel oils and other liquids.



**Packing Rings for Compressors and Turbines**

Single or segmental sealing rings for rotating shafts and reciprocating piston rods. Sealing is achieved by the spring which contains the segments coupled with uniform spring tension ensures perfect matching for trouble-free smooth operation of the compressor or turbine.



#### Bushes and Rods

Carbon and graphite bushes used as bearings where normal oil and grease lubricants do not work with corrosive liquids and gases and where contamination by conventional lubricants is undesirable. Carbon rods and bushes are also used for machining into parts of required sizes.



#### Steam Joint Rings

Steam joint rings are used in rotary pressure joints. These seal rings effect flow of hot liquid or steam from a stationary supply pipe to a rotating machine part. Such machineries 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.



#### Front and Rear Shaft Bushes for Boiler

Metal impregnated carbon bushes with extremely smooth bore are designed for dry running at elevated temperatures. These are used on front and rear shafts in coal fired boilers as single bush and / or split bush to protect the shaft from wearing. Mainly used in paper mills, sugar factories and power generation plants.



#### **Graphite Parts for Sintering**

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



#### **Graphite Crucibles**

Manufactured from fine grain and ultra fine grain graphite blocks with precision dimension control and utmost smooth finish, these crucibles fulfil the vital necessity of jewellery industry. These are also characterised by maximum resistance to oxidation and corrosion at the melting temperature of precious metals.





**Cigarette Production Machine Parts**

Parts used in Cigarette production units, characterised by perfect surfaces achieved by complex machining techniques.



**Parts for Chemical Plants**

Fabricated from fine grained graphite material-acid and alkali resistant for HCl furnace burner caps, sighting tubes and thermowells.