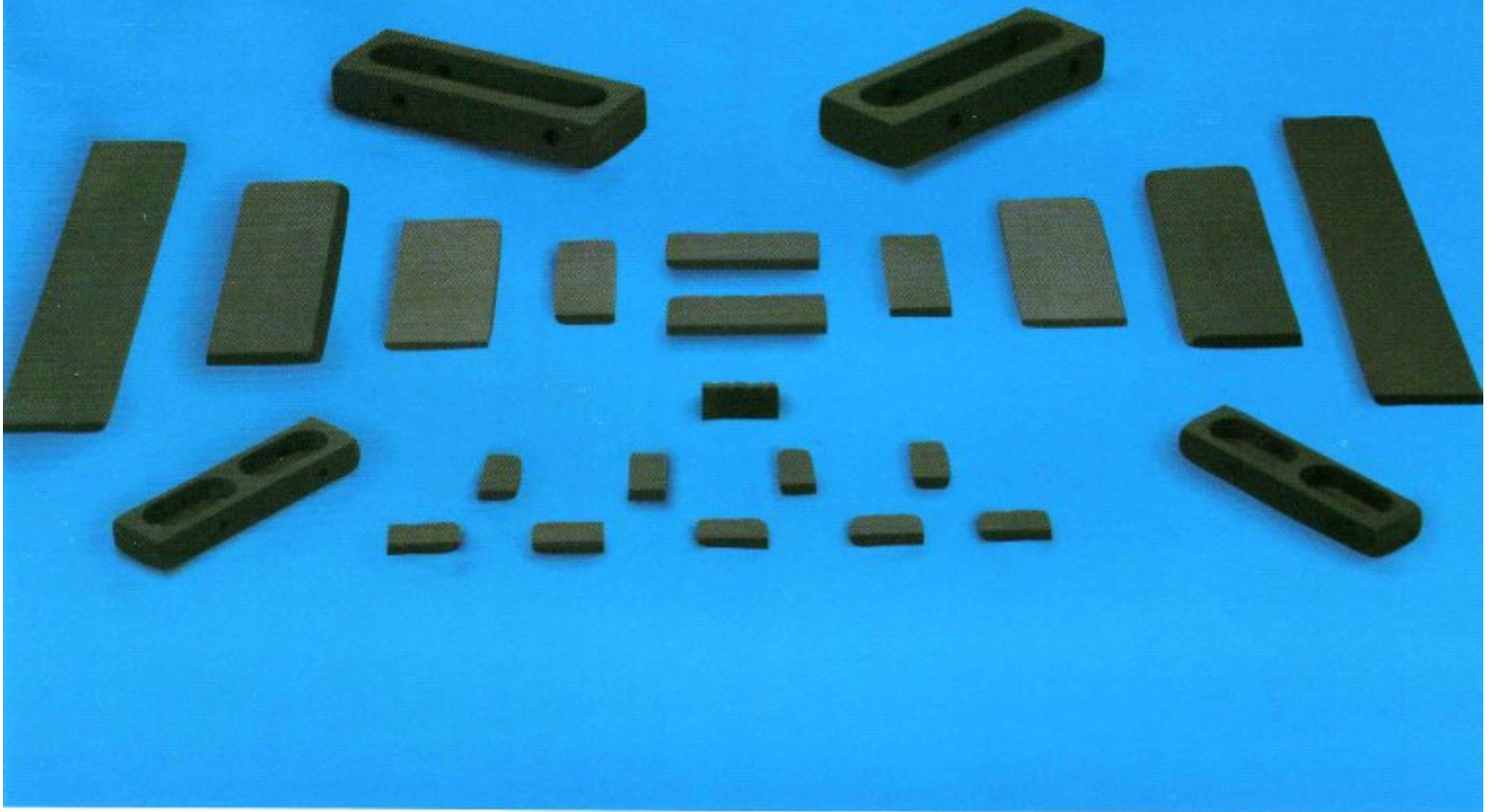


CARBON VANES



APPLICATIONS

The applications where Carbon Vanes being used are extensive.
Typical of these are :

- Dry running rotary compressors and vacuum pumps
- Mobile Compressors fitted to bulk delivery tankers
- Printing Machine Compressor
- Spray Paint Equipment
- Packing machinery
- Food processing equipment
- Wet running vane pumps and meters
- Automotive diesel fuel pumps
- Drink vending machines
- Fuel tanker meters

Carbon Vanes are chemically inert and non-toxic and cannot contaminate the liquid or gas being handled. They can safely be used in food processing equipment and in other fields where purity is essential.

Carbon vanes are totally unaffected by water, most acids, alkalis or oil solvents such as petrol or paraffin. In these conditions, the liquid can reduce friction and wear by providing lubrication between vane and rotor slots and vane top and cylinder wall.

One of the most important requirements for vane materials is high mechanical strength. Carbon Vanes meet this requirement. Their strength is indicated by the pressures regularly handled, which range from 3.2 kgf/cm^2 (44 lbs/in^2) down to high vacuum conditions, with peripheral speeds up to 12.7 m/sec (2500 ft-min).

