



COMPESTOS GRADE LS SERIES

Asbestos laminated sheets are moulded from Asbestos Cloth with thermosetting resins and are specially developed for engineering applications. The high content of Asbestos, superior grade of binder and special press-curing technique impart high degree of mechanical strength. These materials are hard wearing, heat resistant and unaffected by a wide range of chemicals and solvents.

SPECIAL CHARACTERISTICS

COMPESTOS materials do not require special lubricants. They are compatible with water, water emulsions, many chemicals and normal lubricating oils, grease, compounds, molybdenum di-sulphide paste, etc. COMPESTOS materials are characterised by the following outstanding properties:

- Excellent dimensional stability
- Good wear and chemical resistance
- Low moisture absorption
- Very high strength to weight ratio
- High temperature resistance
- High impact resistance
- Excellent irradiation characteristics
- Impervious to effects of moisture of marine exposure
- Resistant to vermin attack

The outstanding properties make compestos superior to many conventional materials for applications involving Bearings, Wearing pads, Gears and other Rotating or Reciprocating parts.

PRODUCT RANGE FYSAX LS SERIES

GRADE LS30

This is a general purpose Laminated Sheet having a dry lubricating additive incorporated evenly throughout the structure which lowers the co-efficient of friction and imparts self lubricating properties. LS 30 can be effectively used under widely differing conditions, involving:

- High surface speeds with lighter loads or low speeds with heavy loads,
- Parts subjected to high stresses,
- Situations where lubrication by normal methods is difficult, intermittent or indeed impossible,
- Situations where corrosive conditions, electrical conductivity etc. rule out the use of metals.

GRADE LS10

This is a special application Laminated Sheet, having relatively high co-efficient of friction. Grade LS 10 is an effective replacement for Grade LS 30 where frictional forces are minimum and external lubrication is possible. Due to its good electrical resistance and antistatic nature, it is used as a flooring material in railways.

APPLICATIONS

Bushes, Bearings, Wear Strips, Centre Pivots, Rubbing Pads, Thrust Washers, Doctor Blades, Compressor Blades and Rotor Blades, Seatings, Guides, Facings, Slides, Valve Discs, Tread Plates, Pump Rings, Impellers and Gears.

RANGE OF SIZES

LS30 and LS10 are both available in sheet size of 1000mm x 1000 mm. and in the thickness range of 3.0 mm to 51.0 mm. Sheet sizes other than 1000mm x 1000mm. can also be supplied if production volume and constraints permit.