

CORRUGATED METALIC FLEXIBLE HOSES

DEEP-JYOTI HYD. ENGG. CO.

ASSEMBLIES

Specification Std. : B. S.-6501

DEEP-JYOTI HYD. ENGG. CO.

Assemblies are made by TIG welding of Stainless Steel and Carbon Steel end connections or by Silver Brass and in case of Copper end connections.

ADVANTAGES OF FLEXIBLE METAL HOSES

DEEP-JYOTI HYD. ENGG. CO.

- Suitable for wide temperature range (-270°C to 700°C)
- Compensates for thermal expansion or contraction in the piping system.
- High physical strength.
- Good corrosion characteristics.
- Fire resistant.
- Long life.
- Resistant to abrasion, penetration and damage.
- Absorbs or dampers vibration and noise from pumps, compressors, engines and similar equipment.
- Connects misaligned rigid piping.
- Connects moving parts of machinery and equipment.
- Permits a very economical installation against rigid piping in difficult locations.

APPLICATIONS :

DEEP-JYOTI HYD. ENGG. CO.

- Cryogenic equipment
- Nuclear plants
- Steam & hot water
- Lubrication systems
- Hemical industry
- Steel industry
- Food & Beverange industry
- Fertilizer industry
- Sugar & Paper industry
- Automotive exhaust systems
- Ships & Aircrafts
- Air conditioning & Refrigeration systems
- Gas burner systems
- Compressed air & pneumatic applications

STATIC INSTALLATIONS

Where the Flexible Hose is used to connect misaligned pipes and remain in a static position.

OCCASIONAL FLEXING

Where the Hose is required to flex occasionally, such as manually operated equipment.

CONSTANT FLEXING

When the Hose is required to flex continiously, usually in moving machinery.

VIBRATION

High frequency, low amplitude movement e.g. on a compressor.