



### Style 78: Flexograph

SPITMAAN INTRODUCES A new non-asbestos non metallic versatile braided packing made from "Expanded Pure Flexible Graphite Material". This packing is specially developed to meet with various sealing problems. It is an ideal sealing material to solve the problems of corrosion having excellent thermal conductivity. It has good impermeability for gases & liquids. Best suited for valves handling high pressure super heated steam application , pumps, compressors most organic and inorganic acids except a few strong oxidizing medium such as aqua regia, nitric acid, oleum and some halogen in special concentration. It is recommended for use against acid,alkali, salt solution, organic solvents, oil, hydrocarbons. This expanded graphite packing is one of the most flexible, resilient, soft, light in weight and it has plasticity and settles in gland to form an efficient seal. It has high sealing efficiency at high and low temperature.

#### Properties

|                |  |
|----------------|--|
| Density        | 1.3 - 1.6 gms/cm3  |
| Carbon Content | 98% to 99.9% , Also recommended for Atomic energy, Space application.  |
| Temperature    | -250oC to +800oC (Steam) The packing is Non-corrosive, exceptionally low chloride content, self lubricating , very low co-efficient of friction and Non- abrasive. |
| Pressure       | upto 450 Bar   |
| PH             | 0 - 14   |

1. Sizes 3 mm to 5 mm is supplied on spools of 10 mtrs.
2. Size above 5 mm is supplied in Boxes/Kgs.
3. Also can be supplied in accurate cut rings.

This packing is also recommended to use as an anti-extrusion ring along with GRAFSEAL especially when the pressure is high. Also can be supplied reinforced with inconel wire, in **SPITMANN STYLE 80**



### Style 80

Introducing a flexible and high strength braided Packing made out of an innovative expanded pure Graphite with inconel wire reinforcement. It contains no oil or binders. The purity of graphite is above 99.5%.

This packing is incorporated with sacrificial metal Corrosion inhibitor to prevent galvanic corrosion of the spindle/shaft. The packing is very resilient and responds to minimum gland pressure. This packing is having excellent resistance to thermal shock and high thermal conductivity which extends the serviceability of packing significantly.

The packing is self lubricating having low co-efficient of friction, non abrasive hence rules out shaft scoring. it is a unique and universal sealing material.

A special grade of this packing is also available for Nuclear Application.

**Service:** It can be used to seal hot water, super heated high temperature and pressure steam, heat transfer fluid, hydrogen gas, ammonia, organic solvents, hydrocarbons, fuel oil, cryogenic liquids, except fewer strong oxidizers such as fuming nitric acid, oleum etc.

#### Properties

|             |   |
|-------------|---|
| Temperature | -240oC to 700oC (steam) +3300oC (Non-oxidizing media) |
| Pressure    | Upto 480 Bar  |
| PH          | 0 -14   |

1. Sizes 3 to 5mm in Coils of 10 meters.
2. Sizes 6mm to 11mm in Coils of 1 kg/2.5 kgs.
3. Sizes 12mm/1 2.5mm and above in Standard Coils of 2.5 kgs/5kgs.



### Style 180

Expanded Pure graphite braided gland packing having inconel wire mesh jacket over each yarn alongwith multiple reinforcement of inconel wire inside each yarn.

**Service :**An ideal sealing material having excellent thermal conductivity, impermeability for gases and liquids. Best suited for valves handling high pressure super heated steam, pumps, compressors, salt solution, solvents, oil, hydrocarbons, petroleum distillates, acids and alkali solutions. Very flexible, resilient compression packing for critical application.

#### Recommended

|             |                 |
|-------------|-----------------|
| Temperature | -200oC to 780oC |
| Pressure    | Upto 500 Bar    |
| PH          | 0 -14           |

1. Sizes 3 to 5mm in Coils of 10 meters.
2. Sizes 6mm to 11mm in Coils of 1 kg/2.5 kgs.
3. Sizes 12mm/12.5mm and above in Standard Coils of 2.5 kgs/5kgs.