

### Expanded Graphite Tape



#### TA1000 Expanded graphite tape

Our graphite tapes are produced from high purity graphite with no fibers, fillers, binders or organics that cause weight loss at elevated temperatures. They can be used as filler packing for valve stuffing boxes or pumps, facing for metal jacketed gaskets and field repairs for metal gaskets.

They are easy-to-install and can be used in emergencies. Suitable for mediums like hot water, high temperature and high pressure steam, hydrogen gas, ammonia, organic solvents, etc.

#### TA1007 Expanded graphite tape with self-adhesive

The self-adhesive makes it easy to fix the tapes onto the sealing surfaces. Can be used as emergency gasket replacement.

#### TA1010 Corrugated graphite tape

The corrugated surface eases the assembly operations and improves the sealing.

#### TA1017 Corrugated graphite tape with self-adhesive

The self-adhesive makes it easy to fix the tapes onto the sealing surfaces.

#### Applications:

Suitable for use in many industries with valves handling media such as high-temperature steam, demineralized water, potable water, heat transfer media, petroleum products, inorganic and organic acids, alkalis, hot waxes and oils.

#### Specifications:

|                            |                      |
|----------------------------|----------------------|
| <b>Density of graphite</b> | 1.0g/cm <sup>3</sup> |
| <b>Carbon Content</b>      | ≥98%                 |
| <b>Sulphur content</b>     | ≤1200ppm             |

#### Service Limits:

|                         |               |
|-------------------------|---------------|
| <b>Temperature</b>      | -200°C~+550°C |
| <b>Maximum Pressure</b> | 25bar         |
| <b>PH range</b>         | 0~14          |

#### Normal Dimensions:

Thickness: 0.4mm, 0.5mm;

Width: 10mm~30mm;

Length: 10m~15m/roll.