

# High temperature Packing

## Graphite Fiber Packing

TOMBO™ No.2940

### Construction

A high temperature packing manufactured from graphite fiber and treated with a special lubricant.

### Features

1. Good in chemical resistance and can be used with almost any chemicals except strong oxidizing acids.
2. Can be used at high temperature where TOMBO™ No.9039 or TOMBO™ No.9077-L can not be used.

### Application

All types of pump, mixers, dampers, etc.

### Fluid

Water base fluids (water, waste water, brine etc.), oil base fluids, organic solvents, hydrocarbons, chemical products, corrosive fluids except strong oxidizing acid such as fuming sulfuric acid, concentrated sulfuric acid, chromic acid, aqua regia etc.

- ⊘ TOMBO™ No.2940 can not be used for strong oxidizing acids such as fuming sulfuric acid, concentrated sulfuric acid, chromic acid, aqua regia etc.
- ⊘ This packing is not used for the fluids which contamination is not allowed, such as drinking water, pharmaceuticals, comestibles, semi-conductor manufacturing etc.

### Standard size and weight

| TOMBO™ No. | Nominal size (mm)           | 3.2            | 4.8  | 6.4  | 7.9  | 9.5  | 11.1               | 12.7 | 14.3 | 15.9 | 19.0 | 22.2 | 25.4 |  |
|------------|-----------------------------|----------------|------|------|------|------|--------------------|------|------|------|------|------|------|--|
| 2940       | Weight (kgs) <sup>(1)</sup> | 0.04           | 0.09 | 0.15 | 0.21 | 0.33 | 0.42               | 0.54 | 0.69 | 0.84 | 1.20 | 1.62 | 2.10 |  |
|            | Braiding method             | Square braid   |      |      |      |      | Interlocking braid |      |      |      |      |      |      |  |
|            | Supply form                 | 3 meter / coil |      |      |      |      |                    |      |      |      |      |      |      |  |

Notes: (1) Molded ring is also available. \* Weight is per coil and reference only.



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### Service Range

|                         |                                     |
|-------------------------|-------------------------------------|
| <b>Max. Temperature</b> | 400°C (in oxidizing atmosphere)     |
|                         | 600°C (in non-oxidizing atmosphere) |
| <b>Max. Pressure</b>    | 2MPa (20kgf/cm <sup>2</sup> )       |
| <b>Max. Velocity</b>    | 10meter/sec                         |
| <b>Max. PV Value</b>    | 10MPa · m/sec                       |
| <b>pH</b>               | 0 ~ 14                              |