

Packings for valves

NAFLON™ Carbon Fiber Packing

TOMBO™ No.9077

Construction

This is a chemical use packing composed of carbon fiber yarn that treated with PTFE dispersion. The standard product is coil form but molded ring is also available.

Features

1. Excellent heat resistance
2. Excellent chemical resistance and it can be used with most chemicals except oxidizing acids.
3. Excellent conformity to shaft allow for good seal performance at low tightening stress.

Application

Thermal power plants, oil refineries, shipbuilding, chemical plants, low temperature plants, etc.
General use valves, ductile valves, malleable cast valves, etc.

Service Range

Max. Temperature	- 200 ~ 300°C
Max. Pressure	5MPa
Pressure Class	300

⊘ TOMBO™ No.9077 can not be used for oxidizing acids (Nitric acid, Hydrochloric acid, Chromic acid, Aqua regia etc.).

⚠ For semi-conductor use where contamination is not allowed, please use TOMBO™ No.9027-H.

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	Supply form
9077	Weight (kgs) ⁽¹⁾	—	0.08	0.14	0.21	0.30	0.45	0.54	0.69	0.84	1.20	1.62	2.12	3 meter /coil
	Braiding method	Suquare braid						Interlocking braid						

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



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Fluid

Water type fluids (water, steam etc.), oil type fluids (oil, heat transfer oil, etc.), organic solvents, hydrocarbons, chemical products, corrosive fluids (other than oxidizing acids) and low temperature fluids.

Ordering Information

Molded Ring - Please specify ring ID, OD, height and number of rings.

Coil Form - Please specify nominal size and quantity.