

Expanded Graphite Packing

JIC 3020

Expanded Graphite Packing



Expanded Graphite yarn are braided into a square type of packing with high flexibility, elasticity and anti abrasive to shaft or sleeve of high temperature/pressure valve of pump.

Suitable for chemical plants, water steam, gases, solvents



pH	0 ~ 14
Service Temp. Range °C	-200°C ~ 600°C
Max Pressure	200kgf/cm ²

JIC 3020 - I

Inconel Wire Inserted Expanded Graphite Packing



Inconel wire inserted expanded graphite yarns are braided into a square type of packing with flexibility. It shows superior heat-resistance and thermal conductivity. Excellent thermal scattering and long life by self-lubricating.

Suitable for high temperature/pressure valves



pH	0 ~ 14
Service Temp. Range °C	-200°C ~ 600°C
Max Pressure	260kgf/cm ²

PTFE Fiber Packing

JIC 3063

PTFE Fiber Packing



Pure PTFE fiber yarns are braided into a packing in square or lattice section type. Excellent heat-resistant and chemical resistant, but suitable for places where contamination of fluids must be avoided because of excellent resistance against chemicals and corrosion.

Suitable for fusing alkali, metal, acid, except, hot fluorine acid, alkaline solvents, rotary machine, reciprocating machine, valve, etc



pH	0 ~ 14
Max. Temp. [°C]	260°C [500°F]
Max Pressure	20kgf/cm ²

JIC 3064

Lubricated PTFE Fiber Packing



Same as JIC-3063 but impregnated with PTFE dispersion and special lubricant. Mechanically strong, anti-corrosive and suitable for variety of machinery.

Suitable for corrosive fluid, hydrochloric acid, acetic acid, lactic acid, chemicals, strong alkali, rotary pump, reciprocating machine, rotary machine, etc



pH	0 ~ 14
Max. Temp. [°C]	260°C [500°F]
Max Pressure	20kgf/cm ²
Shaft Speed	V-10m/s

PTFE Fiber Aramid Fiber Packing

JIC 3065

Lubricated PTFE Fiber and Aramid Fiber Packing



Lubricated PTFE fiber yarns and aramid fiber yarns are braided in combination. Excellent chemical - resistant and mechanically strong packing.

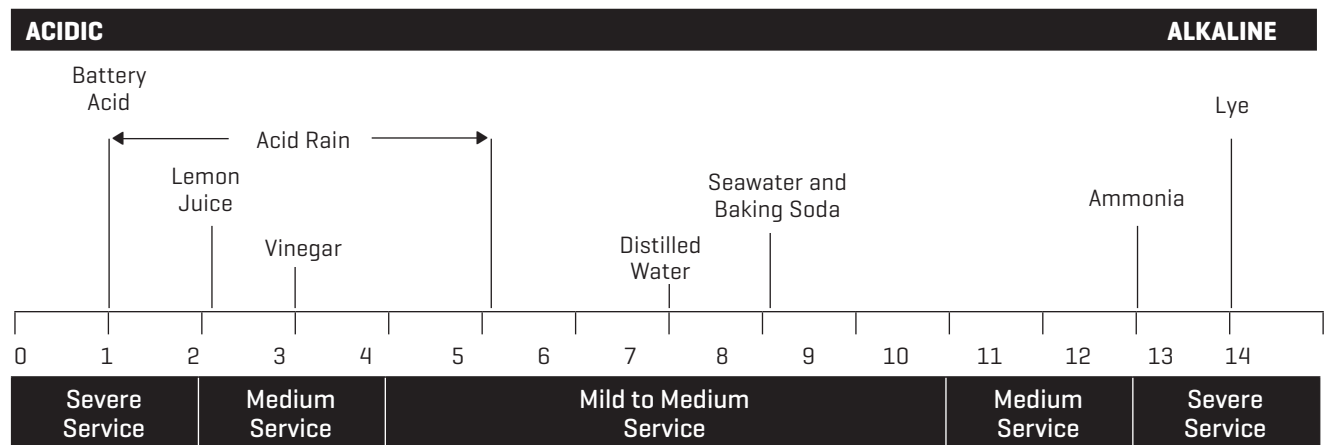
Suitable for strong acid, strong alkali, chemicals, solvents, rotary pumps, reciprocating machine, chemical pumps, rotary machine, etc



pH	0 ~ 14
Max. Temp. [°C]	260°C [500°F]
Max Pressure	20kgf/cm ²
Shaft Speed	V-16m/s

pH Values

The scientific shorthand for indicating the level of acidity or alkalinity of a substance is the pH value. The scale is logarithmic, making lye, at 13, ten times as alkaline as ammonia at 12.



Properties

JIC No.	Material Classification	Temp		Pressure Max	Valves	Centrifugal Pump	Pistons	Chemical	Shaft Speed	pH
		°F	°C							
3020	Expanded Graphite Packing		-200°C to 600°C	200kgf/cm ²	0	0	0	0		0-14
3020-I	Inconel Wire Inserted Expanded Graphite Packing		-200°C to 600°C	260kgf/cm ²	0	X	X	0		0-14
3063	PTFE Fiber Packing .	To 500°F max	To 260°C max	20kgf/cm ²	0	X	0	0		0-14
3064	Lubricated PTFE Fiber Packing	To 500°F	To 260°C	20kgf/cm ²	X	0	0	0	10m/s	0-14
3065	Lubricated PTFE Fiber abd Aramid Fiber Packing	To 500°F	To 260°C	20kgf/cm ²	X	0	X	0	16m/s	0-14
3067	Lubricated PTFE Fiber and Graphite Fiber Packing	To 500°F	To 260°C	20kgf/cm ²	X	0	0	0	20m/s	0-14
3076	Graphite-PTFE Fiber Packing	To 570°F	To 260°C	20kgf/cm ²	0	0	0	0	16m/s	0-14
3069	Hatch Cover Packing		To 100°C		X	X	X	0		0-14
3072	Inconel Wire Inserted Carbon Fiber Packing	To 840°F	To 450°C	100kgf/cm ²	0	X	X	X		2-12
3074	PTFE Impregnated Carbon Fiber Packing	To 570°F	To 300°C	50kgf/cm ²	0	X	X	X		2-12
3074-CR	Lubricated Carbon Fiber Packing	To 840°F	To 450°C	100kgf/cm ²	0	X	X	X		2-12
3075	Lubricated PTFE Im- pregnated Carbonized Fiber Packing	To 570°F	To 300°C	20kgf/cm ²	0	0	0	X	10m/s	2-12
3085	Inconel Wire Inserted Glass Fiber Packing	To 840°F	To 450°C	150kgf/cm ²	0	X	X	X		3-11
3094	Carbonized Fiber	To 390°F	To 200°C	50kgf/cm ²	0	0	X	X		2-12
3095	Carbonized Fiber	To 390°F	To 200°C	15kgf/cm ²	X	0	0	X	16m/s	2-12
3077	Graphite-PTFE fiber Yarn & Aramid fiber	To 500°F	To 260°C	20kgf/cm ²	X	0	0	0	16m/s	2-14
3080	Lubricated PTFE Im- pregnated Aramid Fiber Packing	To 500°F	To 260°C	20kgf/cm ²	X	0	0	X	10m/s	3-11
3085	Inconel Wire Inserted Glass Fiber Packing	To 840°F	To 450°C	150kgf/cm ²	0	X	X	X		3-11

Packings for Pumps and Valves

Made of
Natural Yarn, Synthetic, Aramid, Carbon Fibres, Graphite, PTFE

Through experiences of our company in production of braided packings as well we delivered the product with detailed quality control of each batch to meet the products quality in their use in many industries.

In order to obtain the required tightness and operation parameters some types of packings are impregnated [during the process of weaving as well as on the surface]. Packings Product may be used in dynamic applications such as sealing of glands of pumps, fittings, stirrers or grinders as well as static such as e.g. sealing of hatches, tanks, flaps etc.

- **Environment Friendly
Asbestos Replacement**
- **Composition as per
International standard**
- **International Standard Compliment
(BS 4371)**