



NH Rubber Joints for Pipes

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HACHIKEN CORPORATION

HACHIKEN Hachiken NH rubber joints for

We wish to connect flows as gently and silently as

K Series

E Series

F Series

* Various standards of flange, as well as various materials for flange and internal rubber are optionally available.

Product
symbol

K A
series type

Multiple-Arch Expansion Joint

High displacement absorption rubber joint that protects pipes from uneven settlement because of earthquakes and soft ground as well as expansion and contraction caused by temperature changes.



*Straight types are also available.

Types

- KA100: three-arch type for 100 mm eccentricity (above ground/underground use)
- KA200: four-arch type for 200 mm eccentricity (above ground/underground use)

Usage

Piping for:

- Sewerage
- Pumping plants
- General plant facilities
- Sewage treatment plants

Standard specifications

Nominal diameter	20A to 1000A
Maximum working pressure	0.25MPa to 1.00MPa †
Maximum working temperature	– 10°C to 60°C
Flange standard	JIS 10K
Flange material	Mild steel + zinc plating
Inner rubber	EPDM

† : The maximum working pressure depends on the nominal diameter.

Product
symbol

E A
series type

Expansion Joint

Multi-purpose rubber joint whose arch structure absorbs expansion, contraction and eccentricity caused by temperature changes in piping.



* Low resilient types and high pressure types are also available.

Types

- EA1: one-arch (for internal pressure/negative pressure)
- EA2: two-arch (for internal pressure/negative pressure)

Usage

Piping for:

- Chemical plants
- Pumps and blowers
- Flue gas desulfurization plants
- Ships
- Sewage treatment plants
- General plant facilities

Standard specifications

Nominal diameter	20A to 1000A
Maximum working pressure	0.25MPa to 1.00MPa †
Maximum working temperature	– 10°C to 60°C
Flange standard	JIS 10K
Flange material	Mild steel + zinc plating
Inner rubber	EPDM

† : The maximum working pressure depends on the nominal diameter.

Product
symbol

F K
series type

Flexible Joint

All-purpose, low elasticity straight rubber joint that reduces vibration and noise.



* Types without reinforcing wire are also available.

Usage

- Piping for general plant facilities

Standard specifications

Nominal diameter	20A to 500A
Maximum working pressure	0.50MPa to 1.00MPa †
Maximum working temperature	– 10°C to 60°C
Flange standard	JIS 10K
Flange material	Mild steel + zinc plating
Inner rubber	EPDM

† : The maximum working pressure depends on the nominal diameter.

pipes achieve gentle and beautiful flow

possible. This is the starting point of our craftsmanship.

J Series

Q Series

H Series

* Various standards of flange, as well as various materials for flange and internal rubber are optionally available.

Product
symbol

J J
series type

Bellows

Bellows-type rubber joint that can be used for locations requiring low pressure and large elasticity. The resilience in the axial direction is the lowest of the rubber joint product range.



* Insertion types are also available.

Purposes

- Connection of pipes requiring low pressure with large travel
- Connection of pipes for equipment requiring low resilience such as weighing instruments

Usage

- Connection of vibration feeders or automatic weighing instruments in powder transfer pipe systems
- Reduction of blower vibration and noise

Standard specifications

Nominal diameter	80A to 300A
Maximum working pressure	— 20kPa to 0.01MPa †
Maximum working temperature	— 10°C to 60°C
Flange standard	JIS 5K equivalent
Flange material	Mild steel + zinc plating
Inner rubber	CR

† : The maximum working pressure depends on the nominal diameter.

Product
symbol

Q E
series type

Expansion

Rubber joint for high-temperature air made of silicon rubber and heat-resistant fibers.



Purposes

- Vibration and noise reduction and displacement absorption of high-temperature air streaming lines

Usage

- Piping for high pressure blowers

Standard specifications

Nominal diameter	50A to 200A
Maximum working pressure	0.01MPa to 0.25MPa †
Maximum working temperature	150°C
Flange standard	JIS 10K
Flange material	Mild steel + zinc plating
Inner rubber	Silicon rubber

† : The maximum working pressure depends on the nominal diameter.

Product
symbol

H S
series type

Suction hose

Insertion type rubber hose most commonly used.



Characteristics

- Reinforced with wire. Effective in internal pressure as well as negative pressure lines.
- Easy attachment to pipes. Just insert and fasten with a hose band.

Usage

- General piping for plants

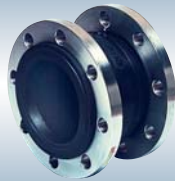
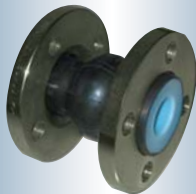

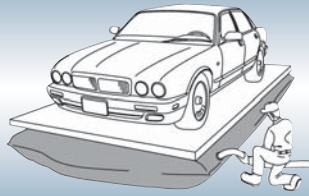




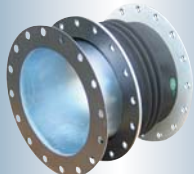

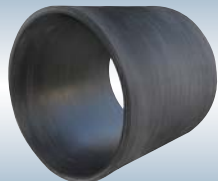
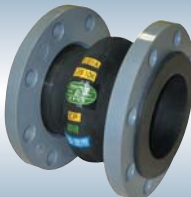



Standard specifications

Nominal diameter	20 A to 200 A
Maximum working pressure	— 60kPa to 0.25MPa
Maximum working temperature	— 10°C to 60°C
Inner rubber	EPDM

other kinds of flange standard and flange material are available.

Other products

In response to more demanding needs, technologies become ever more sophisticated. Hachiken strives to develop next-generation technology that nobody else has achieved.

FG Global joint  Sphere joint	FA AT joint  Sphere joint with Teflon-lined inside	FB Bend  Bend tube	Air jack  Pumping up heavy objects with air
Pipe sealing bag  Stopping flow by expanding inside pipes	FR Reducer  Tube with different-diameter apertures	JS Floppy joint  Hyper flexible	HC Clear sleeve  Transparent silicon
ES Expansion sleeve  Insertion type	Bellows with an internal cylinder  For abrasive fluids	White joint  	HR Rubber sleeve  Special order rubber tube
Low pressure expansion  Vinyl chloride flange	Square duct fitting  Supporting non-standard sizes	Pinch valve  Stopping fluids by pinching rubber tubes	Floppy hose  Hyper flexible hose

*Please consult us for any special specifications (e.g., non-standard internal diameters and lengths, flanges whose standards are different between the right and left sides).



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* Please contact us if you require detailed catalogs.

■ Agency