

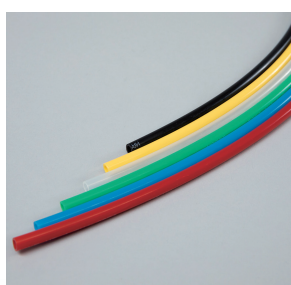
Biomass tubing (Tubing derived from plant)

The product is made from plant-derived raw material, and contributes to the reduction of CO₂ emission.

Biomass nylon tubing

- The nylon tubing is made from castor oil and can be replaced into the petroleum-based nylon tubing as there is no functional difference.
- Biomass mark certified by the Japan Organics Recycling Association (JORA).

I N2B tubing The biomass value is 84% [calculated value, based on ASTM D6866], 74% [calculated value, based on JORA].



Product number table

N2B - 4 - 6×4 - BK - 100M

Standard length (20M, 100M)
Tubing color symbol
Size (millimeter: outer × inner)
Group (4: millimeter)
Tubing name

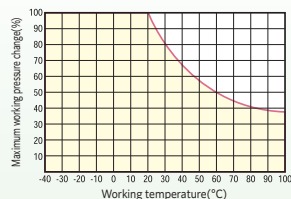
Negative pressure performance

-101.294kPa

Operating fluid, working temperature range

Operating fluid	Working temperature range
Air	-40℃~+100℃
Water	0℃~+70℃
General operating oil	-40℃~+100℃

Relation between the working temperature and the maximum working pressure



The maximum working pressure varies with the working temperature (environmental temperature). For use at an abnormal temperature, always check the maximum working pressure change in the graph below and keep the pressure within the indicated range.

⚠ Caution: Using tubes at a pressure outside the range may cause accidents or damage, for which Nitta is not liable.

Handling instructions

⚠ Caution: When water is used as the operating fluid, the tubing material might degrade depending on the additive. Contact us for details.

⚠ Caution: When water is used as the operating fluid, keep the surge pressure below the maximum working pressure. Also, do not allow the water to freeze.

Type	Outer diameter × Inner diameter (mm)	Max. working pressure (MPa at 20℃)	Min. bending radius (mm)	Reduction amount of CO ₂ (g-CO ₂ /m)*1	Standard color (color symbol)					
					Black	Milky white	Yellow	Blue	Green	Red
					BK	MW	YL	BU	GN	RE
N2B-4 - 4×2.5	4 × 2.5	3.3	15	28	●	●	●*2	●*2	●*2	●*2
N2B-4 - 6×4	6 × 4	3.0	20	60	●	●	●	●	●	●
N2B-4 - 8×6	8 × 6	2.0	35	81	●	●	●	●	●	●
N2B-4 - 10×8	10 × 8	1.6	45	102	●	●	●	●	●	●
N2B-4 - 12×9	12 × 9	2.0		179	●	●	●*2	●*2	●*2	●*2
N2B-4 - 16×13	16 × 13	1.6	100	245	●	●	●*2	●*2	●*2	●*2

*1 Assuming that raw material made from petroleum is replaced into raw material made from plant. *2 Made to Order

☎ Contact us for other operating fluids.

Applicable fittings	PushOne A series	PushOne A series Mini type	PushOne E series	PushOne E series Brass body type	QuickSeal series Insertion type (brass)	QuickSeal series Insertion type (stainless)	QuickSeal series Insertless type

The biomass value and the reduction amount of CO₂ emission are calculated on the basis of raw material manufacturers' data and are not guaranteed.



Safety Note

Regarding precautions and disclaimers for the handling of the listed products, to ensure safe use of our products, please be sure to read catalogues of "Tubing, Fitting & CHEMIFIT™" on our website before using our products.

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