

NK-VN5600 | Lap Joint Flange both Ends (Braid-over Type)



◆ APPLICATION

- Absorb Movement and Displacement
- Vibration and Noise Reduction
- Compensate for Misalignment
- Pressure and Temperature Resistance
- Extend Equipment Lifespan

◆ FEATURES

- Applicable Media

Water, Oil, Air, Gas, Steam, Non-corrosive Chemical...etc

*For others, please contact us for consultation

- Working Pressure

Up to 2.0Mpa

*Higher Pressure is available on request

- Working Temperature

-196 Deg. C ~ 450 Deg. C.

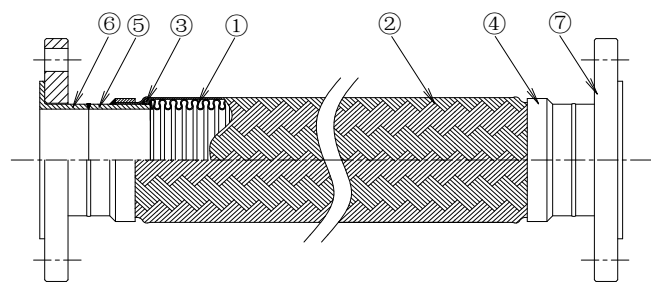
*Disregard working pressure

- End Connection

JIS, DIN, EN, BS, ASME

*Special standard is available on request

**CS flanges are finished with Cr3+ plating or silver coating.



Unit (mm)

STRUCTURE

No.	Parts	Material
1	Tube	Stainless Steel (304 . 321 . 316L)
2	Braid	Stainless Steel
3	Neck ring	Carbon Steel . Stainless Steel
4	Braid sleeve	Carbon Steel . Stainless Steel
5	End pipe	Carbon Steel . Stainless Steel
6	Lap joint	Carbon Steel . Stainless Steel
7	Loose flange	Carbon Steel . Stainless Steel

SPECIFICATION

Size		Min. Bending Radius	300 OAL		500 OAL		Min. OAL
DN	Inch		Effective Length	Lateral Movement	Effective Length	Lateral Movement	
DN65	2 1/2	150	300	42	800	245	300
DN80	3	220	300	38	800	245	400
DN100	4	280	300	31	800	230	400
DN125	5	350	260	18	760	160	500
DN150	6	400	260	15	760	145	500
DN200	8	600	220	9	720	100	500
DN250	10	700	200	5	700	75	500
DN300	12	900	180	3	680	55	500

Calculated on SA Tube, at 1.0 MPa and 40 °C

INSTALLATION GUIDE

- Metal flexible hoses should be bent and used only to the radius and lateral movement specified in their guidelines to prevent fatigue and failure.
- Twisting of metal flexible hoses should be avoided while installing and using as well.
- For guidance on dynamic movement, please contact us.

NOTES

- Better optimized than NK-VN2600 for long-length requirements
- Preferred option for Oil and Gas applications
- The information in this catalog may be subject to updates or modifications without prior notice.
- Special lengths are available on request.

Threaded Type
Flexible Hose

F1

Flanged Type
Flexible Hose

F2

Quick Connection
Type Flexible Hose

F3

Vacuum
Flexible Hose

F4

Fluororesin
Flexible Hose

F5

Other
Flexible Hoses

F6

