

## Compensators made of stainless steel

PN 10/16

**Version:** Axial compensator, bellows with flared tube ends and turnable flanges, bellows one wall

**Materials:** Bellows: AISI 321, flanges: RSt 37.2 galvanised zinc-plated

**Temperature range:** Up to max. +550°C (please note the variation in the pressure level)

**Connection:** EN Flanges PN 16 (DN 200 - DN 250: PN 10)

**Suitable:** Compensators\* take axial movements at the pressure level of PN 10/16. In the pressure level PN 2.5, these take axial and lateral movements (please inquire separately).

**Optional:** Flanges and bellows from AISI 316L -FES

Type	Number of holes	DN	Movement absorption ±	Pressure level	L	D
KOMFL 15 ES **	4	15	8.5	16 bar	108	95
KOMFL 20 ES **	4	20	8.5	16 bar	108	105
KOMFL 25 ES	4	25	13.0	16 bar	125	115
KOMFL 32 ES	4	32	13.0	16 bar	135	140
KOMFL 40 ES	4	40	15.0	16 bar	135	150
KOMFL 50 ES	4	50	18.0	16 bar	155	165
KOMFL 65 ES	8	65	20.0	16 bar	165	185
KOMFL 80 ES	8	80	23.0	16 bar	175	200
KOMFL 100 ES	8	100	23.0	16 bar	180	220
KOMFL 125 ES	8	125	25.0	16 bar	200	250
KOMFL 150 ES	8	150	25.0	16 bar	230	285
KOMFL 200 ES	8	200	35.0	10 bar	230	340
KOMFL 250 ES	12	250	26.0	10 bar	245	395

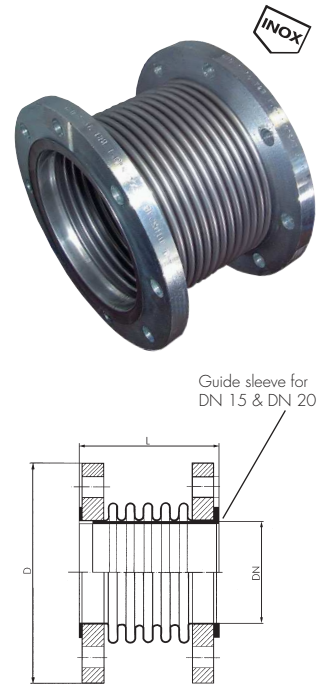
\* when installing compensators the instructions contained in the assembly instructions must be observed!

\*\* only available with guide tube for constructive reasons

**Order example:** KOMFL 15 ES \*\*

Standard type

Designation for the options:  
Flanges and bellows from AISI 316L -FES



## PTFE flat sealing tapes with adhesives back

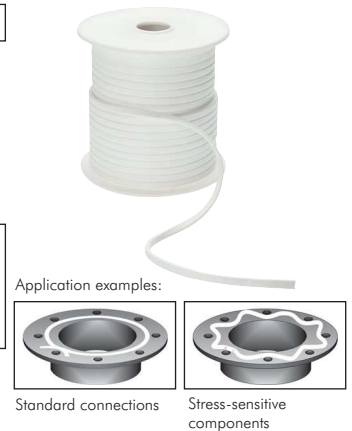
**Suitable:** Self-adhesive, universal, quick and easy to install flat sealing tape made of 100% pure, expanded PTFE. For sealing compensators, machine housings, apparatus flanges, hand- and manholes, as well as flanges with large and complex geometries.

**Temperature resistant sealing material:** -240°C up to max. +270°C (temporary to +315°C)

**Operating pressure:** 0 - 40 bar, as well as vacuum (-240°C to max. +150°C, depending on installation condition and application)

**Approvals:** DVGW (VP403), TÜV, BAM (gaseous oxygen), material and adhesive acc. to FDA 21 CFR 177.1505 and FDA 21 CFR 175.105, fire class V-0 acc. to UL94

Type	Dimension	Amount
DBSK 3-25	3 x 1.5	25 m coil
DBSK 5-25	5 x 2	25 m coil
DBSK 7-25	7 x 2.5	25 m coil
DBSK 10-10	10 x 3	10 m coil



## Flange seals DVGW & BAM tested, TA-Luft certified, KTW recommended

**Materials:** C 4400, asbestos-free, thickness 2 mm

**Temperature range:** -100°C up to max. +150°C (for application engin. test up to max. +400°C)

**Operating pressure:** 40 bar (for application engin. test up to max. 100 bar), pressure stability 25 N/mm²

**Operating range\*:** Oils, refrigerants, hot water, steam, gases, salt solutions, fuels, acids, hydrocarbons and lubricants

**Optional:** Material: Silicone to be used with foodstuffs, thickness of 3 mm, 60° shore (-55°C to max. +200°C at max. 6 bar) -LE

Type	Dimensions	DN	PN
FLDR 10	18 x 45 x 2	10	10 - 40
FLDR 15	22 x 50 x 2	15	10 - 40
FLDR 20	28 x 60 x 2	20	10 - 40
FLDR 25	35 x 70 x 2	25	10 - 40
FLDR 32	43 x 82 x 2	32	10 - 40
FLDR 40	49 x 92 x 2	40	10 - 40
FLDR 50	61 x 107 x 2	50	10 - 40
FLDR 65	77 x 127 x 2	65	10 - 40
FLDR 80	90 x 142 x 2	80	10 - 40

\* we recommend the approval of your application case



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.