

COUPLINGS

PTFE BELLOWS - GLASS TO GLASS

These bellows are used in installation of glass equipment for following purposes :

- to provide safe branching of pipelines from the main glass equipment.
- to accommodate odd degrees and variation in length.

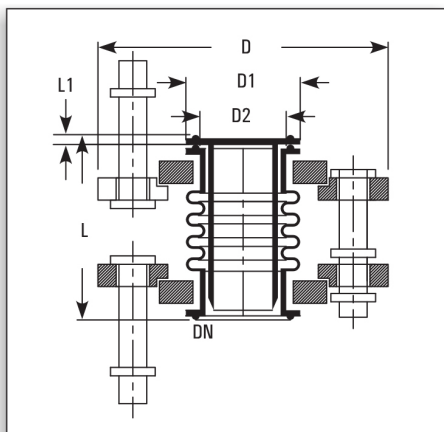
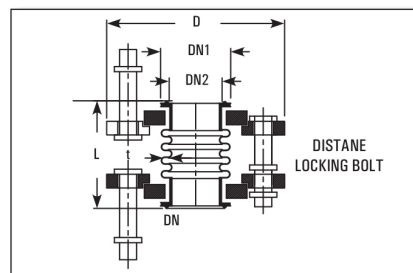
Bellows are supplied along with required bellow flanges and nut-bolts.

Distance -locking bolts are provided to avoid excessive compression or contraction of the bellow. Gaskets are not required where bellows are used. For drilling details, refer "Bellow flanges"

Line bellows

These can withstand a temperature of 200°C under normal atmospheric conditions.

* marked items are available fast.



Cat.Ref.	DN	D	D1	D2	L
FBN0.5	12	50	24	16	50
FBN0.7	15	64	28	17	55
FBN1*	25	95	41	31	65
FBN1.5*	40	105	56	43	65
FBN2*	50	120	69	55	65
FBN3*	80	155	98	82	65
FBN4*	100	200	132	111	65
FBN6*	150	275	184	162	65
FBN9*	225	350	258	230	65
FBN12	300	420	340	308	65

Vacuum bellows

For pipelines of 80DN and above operating under vacuum, the bellows are provided with an internal sleeve which supports the convolutions without affecting the flexibility of the bellow. These bellows can withstand a temperature of 200°C under full vacuum.

For size upto 50DN, line bellows can be used for these applications.

Cat.Ref.	DN	D	D1	D2	L	L1	t
VB3	80	155	98	82	70	5	3.0
VB4	100	200	132	111	70	5	3.5
VB6	150	275	184	162	70	5	4.0
VB9	225	350	253	230	70	5	5.0
VB12	300	420	338	308	70	5	5.0