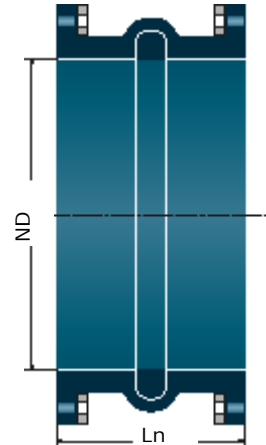


DILATOFLEX®



DILATOFLEX® N

Nominal Diameter	Nominal Length*	Drilling standards (1) NF EN 1759-1 NF EN 1092-1 ASME B16.47 A	Ln (mm)	PN 2.5	PN 6— PN 10	PN 16	Class 150	WP (bar)	Max. Permissible Pressure (3) (3)	Steel Ring Required for Vacuum Greater than ...% Vacuum (5)	Max. Permissible Movements (maximum values do not apply simultaneously) (6)				End Thrust for P=1 bar	Approx. Weight (bellow only) (4)
											Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)		
500	20	300			X	X	X	10	20%	40	30	20	6	2.5	30	
550	22	300			***	***		10	20%	20	30	15	4	3.0	40	
600	24	300			X	X	X	10	20%	40	40	20	7	3.8	43	
700	28	300			X	X	X	10	20%	40	40	20	6	4.9	44	
750	30	300			***	***	***	10	20%	20	20	15	3	5.3	60	
800	32	400			X	X	X	10	20%	40	40	20	5	6.3	67	
850	34	400			***	***	***	10	20%	40	40	20	5	7.0	70	
900	36	400			X	X	X	10	20%	40	40	20	5	8.8	80	
1000	40	400			X	X		10	20%	40	40	20	4	9.4	84	
1100	44	400			***	***	***	6	20%	40	30	20	3	10.7	100	
1200	48	400			X	X	X	6	20%	40	40	20	3	13.2	120	
1250	50	400			***	***		6	10%	40	40	20	3	14.2	115	
1300	52	400			***			6	10%	20	20	15	1.5	14.8	115	
1400	56	400			X			6	10%	40	40	20	3	17.6	150	
1500	60	400			***			6	10%	20	20	15	1.5	20.0	170	
1600	64	400			X			6	10%	40	30	20	2	22.4	183	
1700	68	400			***			6	10%	40	30	20	1.5	25.2	215	
1800	72	400			X			6	10%	20	20	15	1	27.8	225	
2000	80	750			X			1.5		150	100	50	5	38.3	275	
2200	88	750			X			1.5		150	150	75	7	48.2	400	
2400	96	400			X			4		50	40	20	1.5	49.6	300	
2500	100	750			***			1.5		150	100	50	4	56.8	450	
2600	104	750			X			1.5		150	150	75	6	64.4	500	
3000	120	750			X			1.3		150	100	50	3	79.3	550	



(**) Non-standard drilling.

(1) Other drillings available (e.g. BS10D-E, AWWA...), please consult us.

(2) For higher working pressure: NS type, please consult us.

(3) Limited to the nominal pressure of the used drilling standard.

(4) Expansion joints to be mounted with steel backing flanges in two parts (zinc-chromated, hot-dip galvanized or stainless steel).

(5) For vacuum working condition: NV type, please consult us.

(6) Permissible movement values may be impacted by vacuum ring, please consult us.

Inner lining grade and working temperature

DW -25 °C
+90 °C/105 °C

EPC -25 °C
+95 °C

AR/CN -35 °C
+90 °C

GZ -20 °C
+90 °C

HH -20 °C
+90 °C

YP -25 °C
+100 °C

AB -35 °C
+100 °C

TE -25 °C
+100 °C