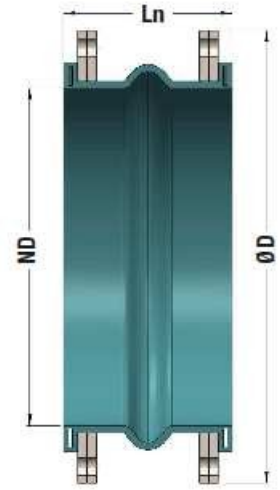
DILATOFLEX®

DILATOFLEX® F

Nominal Diameter		Nominal Length*	Drilling Standards (1)			Max. Permissible Pressure (2) (3)	Steel Ring Required for Vacuum Greater than ...% Vacuum	Max. permissible movements (maxixum values do not apply simultaneously)				End Thrust for P=1 bar	Approx. Weight (rubber bellow only) (4)
								Axial Compression	Elongation	Lateral Shearing	Angular Angle		
		Ln (mm)	PN 6, PN 10, PN 16, Class 150			WP (bar)		Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)	(KdaN)	(kg)
300	12	200	X			10	10%	40	30	10	11.3	1.0	5
350	14	200	X			10	10%	40	30	10	9.5	1.3	5.6
400	16	200	X			10	10%	40	30	10	8.2	1.6	6.4
450	18	250	X			10	10%	50	30	10	7.2	2.0	8.5
500	20	250	X			10	10%	50	30	10	6.6	2.4	9.5
600	24	250	X			10	10%	50	30	10	5.4	3.4	11.5
700	28	275	X			10	10%	50	30	10	4.6	4.5	14.5
750	30	275	X			10	10%	50	30	10	4.3	5.1	16.8
800	32	275	X			10	10%	50	30	10	4	5.8	18.5
900	36	300	X			10	10%	50	30	10	3.5	7.4	23.7
1000	40	300	X			10	10%	50	30	10	3.1	9.0	27.3
1100	44	300	X			10	10%	50	30	10	2.8	10.7	33.6
1200	48	300	X			10	10%	50	30	10	2.5	12.7	36.3



(1) Other drillings available (e.g. BS10, AWWA...).

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

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

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

(5) 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