

DILATOFLEX®

DILATOFLEX® N



Nominal Diameter		Nominal Length *	Drilling standards ⁽¹⁾				Max. Permissible Pressure ^{(2) (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 (below only) ⁽⁴⁾
			NF EN 1759-1	NF EN 1092-1	ASME B16.47 A				Compression	Elongation	Shearing	Angle		
		Ln (mm)	PN 2.5	PN 6—PN 10	PN 16	Class 150	WP (bar)		Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)	(KdaN)	(kg)
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.

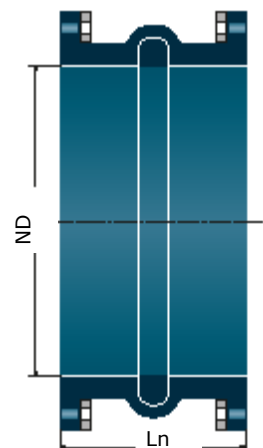
(2) For higher working pressure: NS type, please consult us.

(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

Anvis Decize S.A.S.

12 rue Henri Darcy —ZAC du Four à Chaux —F-58300 DECIZE

✉ dilatoflex@anvisgroup.com — www.dilatoflex.com

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