

DILATOFLEX®

DILATOFLEX® NT

Types		Nominal Diameter	Nominal Length*	Drilling Standards ⁽¹⁾		Class 150	WP (bar)	Max. Permissible Pressure ^{(2) (3) (4)}	Steel Ring Required for Vacuum Greater than ...% Vacuum	Max. Permissible Movements (maximum values do not apply simultaneously)				End Thrust for P=1 bar at L _n	Approx. Weight (below only) ⁽⁵⁾
				NF EN 1759-1	NF EN 1092-1						Axial 	Lateral 	Angular 		
			L _n (mm)	PN 10	PN 16					L _n -L _c (mm)	L _e -L _n (mm)	R (mm)	α° (degree)	(daN)	(kg)
NT	20	3/4	150	X	X	12	100%	12	8	10	30	4.0	0.4		
	25	1	150	X	X	12	100%	15	8	10	25	6.0	0.4		
	32	1 1/4	150	X	X	12	100%	15	8	10	20	8.5	1.4		
NT 1	40	1 1/2	150	X	X	16	100%	30	20	15	20	48	1.1		
	50	2	150	X	X	16	100%	30	30	15	20	80	1.3		
	65	2 1/2	150	X	X	16	100%	30	30	15	20	115	1.6		
	80	3	150	X	X	16	100%	30	30	15	20	138	1.9		
	100	4	150	X	X	16	50%	30	30	15	20	190	2.4		
	125	5	150	X	X	16	50%	30	30	15	10	270	2.5		
	150	6	150	X	X	16	50%	30	30	15	10	370	3.0		
	175	7	150	X	-	16	50%	30	30	15	10	445	3.6		
	200	8	150	X	X	X	16	50%	30	30	15	10	560	4.0	
	225	9	150	X	X	-	16	50%	30	30	15	10	700	4.6	
	250	10	200	X	X	16	50%	25	30	30	9	800	8.0		
	300	12	200	X	X	16	50%	25	30	30	8	1000	10.0		
	350	14	200	X	X	16	50%	25	30	30	7	1300	11.5		
	400	16	200	X	X	16	50%	25	30	30	6	1700	14.0		
	450	18	200	X	X	X	16	50%	25	30	30	5	2000	15.0	
NT 2	250	10	300	X	X	16	30%	60	60	45	25	800	11.0		
	300	12	300	X	X	16	30%	60	60	45	22	1100	13.0		
	350	14	300	X	-	16	30%	60	60	45	18	1500	15.0		
	400	16	300	X	X	16	30%	60	60	45	16	1900	17.0		
	450	18	300	X	X	X	16	30%	60	60	45	14	2400	19.0	

- (1) Other drillings available (e.g. PN6, PN25, PN40, BS10D-E), please consult us.
 (2) **CC** grade: W.P. 10 bar at +110 °C max. and W.P. 16 bar at +90 °C max.
 (3) **ES** rubber grade: W.P. is limited to 16 bar at W.T. +140 °C, and W.P. 25 bar at W.T. +70 °C.
 (4) Limited to the nominal pressure of the used drilling standard.
 (5) Expansion joints to be mounted with steel backing flanges in two parts (zinc-chromated, hot-dip galvanized or stainless steel).

Inner lining grade and working temperature

CC -35 °C
+90 °C/110 °C

DW -25 °C
+90 °C/105 °C

EPC -25 °C
+95 °C

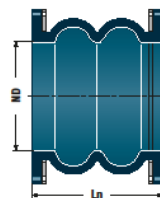
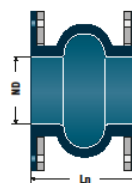
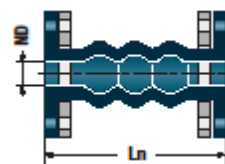
AR/CN -35 °C
+90 °C

GZ -20 °C
+90 °C

YP -25 °C
+100 °C

AB -35 °C
+100 °C

TE -25 °C
+100 °C



DILATOFLEX® NT expansion joints can be supplied:

- » with separate two-piece retaining rings
- » without retaining rings (except NT ES grade supplied with integral retaining rings for sizes ≥225mm)

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Inner lining grade and working temperature

CC	-35 °C +90 °C/110 °C	DW	-25 °C +90 °C/105 °C	EPC	-25 °C +95 °C	AR/CN	-35 °C +90 °C
GZ	-20 °C +90 °C	YP	-25 °C +100 °C	AB	-35 °C +100 °C	TE	-25 °C +100 °C