

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 Ln	Approx. Weight (below only) (5)
			PN 10	PN 16					Compression	Elongation	Shearing	Angular		
		Ln (mm)	PN 10	PN 16				Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)	(daN)	(kg)	
NT	20	3/4	X	X	12	100%	12	8	10	30	4.0	0.4		
	25	1	X	X	12	100%	15	8	10	25	6.0	0.4		
	32	1 1/4	X	X	12	100%	15	8	10	20	8.5	1.4		
NT 1	40	1 1/2	X	X	16	100%	30	20	15	20	48	1.1		
	50	2	X	X	16	100%	30	30	15	20	80	1.3		
	65	2 1/2	X	X	16	100%	30	30	15	20	115	1.6		
	80	3	X	X	16	100%	30	30	15	20	138	1.9		
	100	4	X	X	16	50%	30	30	15	20	190	2.4		
	125	5	X	X	16	50%	30	30	15	10	270	2.5		
	150	6	X	X	16	50%	30	30	15	10	370	3.0		
	175	7	X	-	16	50%	30	30	15	10	445	3.6		
	200	8	X	X	16	50%	30	30	15	10	560	4.0		
	225	9	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	16	50%	25	30	30	5	2000	15.0	
NT 2	250	300	X	X	16	30%	60	60	45	25	800	11.0		
	300	300	X	X	16	30%	60	60	45	22	1100	13.0		
	350	300	X	-	16	30%	60	60	45	18	1500	15.0		
	400	300	X	X	16	30%	60	60	45	16	1900	17.0		
	450	300	X	X	16	30%	60	60	45	14	2400	19.0		

- Other drillings available (e.g. PN6, PN25, PN40, BS10D-E), please consult us.
- CC grade: W.P. 10 bar at +110 °C max. and W.P. 16 bar at +90 °C max.
- 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.
- Limited to the nominal pressure of the used drilling standard.
- 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

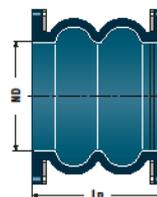
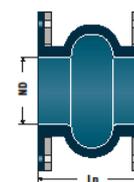
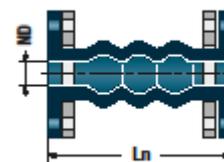
AR/CN -35 °C
+90 °C

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 ≥ 225 mm)