



DILATOFLEX[®] NT

P.E.D. 97/23/CE Cat. III

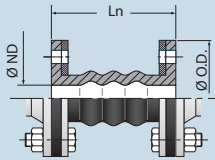
Inner lining grades

	NT	NT 1	NT 2
CC Green label	✓	✓	✓
EPC Cream label	✓	✓	✓
AR / CN Red label	✓	✓	✓
GZ Orange label	✓	✓	✓
YP Yellow label	✓	✓	✓
AB Grey label	✓	✓	✓
TE Mauve label	✓	✓	✓

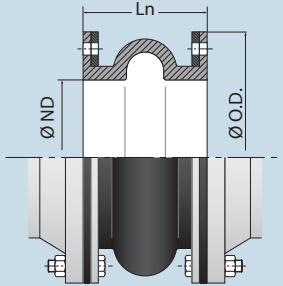
ES
White label

Steel carcass * see separate technical sheet

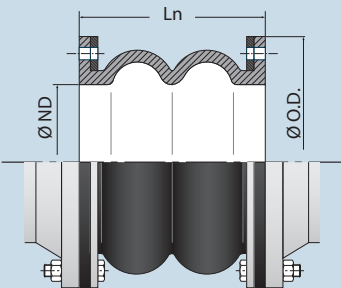
NT



NT 1



NT 2



Example of Label



DIMENSIONAL DATA					TECHNICAL DATA									
Nominal Diameter	NPS	Nominal length (Ln in mm)	O.D. (mm)			Max. permissible pressure (bar) (2) (3)	Steel ring required for vacuum greater than ...%	Max. Permissible Movements (maximum values do not apply simultaneously)			End thrust in daN for P= 1 bar	Axial stiffness in daN at no pressure for 1cm axial displacement	Approx. weight in kg (below only) (4)	
			Drilling standards (1)					Axial	Lateral	Angular				
ND mm	inch	PN 10	PN 16	class 150 (PN 20)	ISO 2084 NF EN 1759-1 NF EN 1092-1			Compression	Elongation	Shearing	angle	End thrust in daN for P= 1 bar	Axial stiffness in daN at no pressure for 1cm axial displacement	Approx. weight in kg (below only) (4)
					Ln - Lc mm	Le - Ln mm	R mm	α° degree						
NT														
20	3/4	150	X	X	12	-	12	8	10	30	4.0	62	0.4	
25	1	150	X	X	12	-	15	8	10	25	6.0	70	0.4	
32	1 1/4	150	X	X	12	-	15	8	10	20	8.5	85	1.4	
NT 1														
40	1 1/2	150	X	X	16	-	30	20	15	20	48	8	1.1	
50	2	150	X	X	16	-	30	30	15	20	80	13	1.3	
65	2 1/2	150	X	X	16	-	30	30	15	20	115	23	1.6	
80	3	150	X	X	16	-	30	30	15	20	138	34	1.9	
100	4	150	X	X	16	50 %	30	30	15	20	190	38	2.4	
125	5	150	X	X	16	50 %	30	30	15	10	270	42	2.5	
150	6	150	X	X	16	50 %	30	30	15	10	370	49	3.0	
175	7	150	X	-	16	50 %	30	30	15	10	445	57	3.6	
200	8	150	X	X	16	50 %	30	30	15	10	560	58	4.0	
225	9	150	X	X	16	50 %	30	30	15	10	700	60	4.6	
250	10	200	X	X	16	50 %	25	30	30	9	800	55	8.0	
300	12	200	X	X	16	50 %	25	30	30	8	1000	65	10.0	
350	14	200	X	X	16	50 %	25	30	30	7	1300	75	11.5	
400	16	200	X	X	16	50 %	25	30	30	6	1700	85	14.0	
450	18	200	X	X	16	50 %	25	30	30	5	2000	95	15.0	
NT2														
250	10	300	X	X	16	30 %	60	60	45	25	800	34	11.0	
300	12	300	X	X	16	30 %	60	60	45	22	1100	34	13.0	
350	14	300	X	-	16	30 %	60	60	45	18	1500	34	15.0	
400	16	300	X	X	16	30 %	60	60	45	16	1900	44	17.0	
450	18	300	X	X	16	30 %	60	60	45	14	2400	44	19.0	

(1) Other drillings available (e.g. PN6, PN25, PN40, BS 10D-E...) Please consult us

(2) Particular cases:

CC grade: W.P. 10 bar at 110°C max. and W.P. 16 bar at 90°C max.

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

(4) Expansion joints to be mounted with steel backing flanges in 2 parts (zinc-chromated, hot-dip galvanized or stainless steel)

Technical Sheet
AI-TS- 004/7 from 2011 - 12 - 02

We reserve the right to change our products' specifications when necessary without notice.