



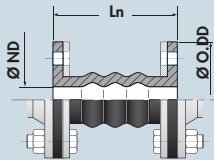
DILATOFLEX® NT

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

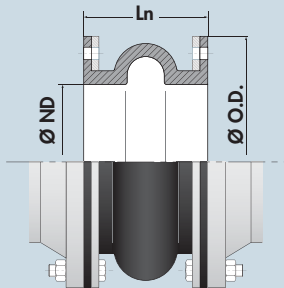
Inner lining grades

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

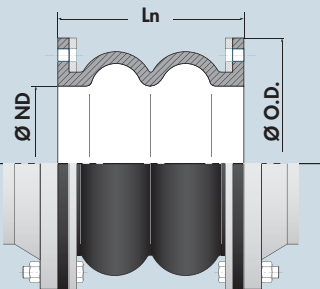
NT



NT 1



NT 2



Example of Label



DIMENSIONAL DATA					TECHNICAL DATA									
ND mm	NPS inch	Nominal length (Ln in mm)	O.D. (mm)			Max. permissible pressure (bar) (2) (3) (4)	Steel ring required for vacuum greater than ...%	Max. Permissible Movements (not concurrent)			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) (5)	
			Drilling standards (1)					Axial	Lateral	Angular				
			PN 10	PN 16	class 150 (PN 20)			Compression	Elongation	Lateral	Angle			
								mm	mm	mm	α° degree			
NT														
20	3/4	150	105	105	105	12	-	12	8	10	30	4.0	62	0.4
25	1	150	115	115	115	12	-	15	8	10	25	6.0	70	0.4
32	1 1/4	150	140	140	120	12	-	15	8	10	20	8.5	85	1.4
NT 1														
40	1 1/2	150	150	130	130	16	-	30	20	15	20	48	8	1.1
50	2	150	165	165	165	16	-	30	30	15	20	80	13	1.3
65	2 1/2	150	185	185	185	16	-	30	30	15	20	115	23	1.6
80	3	150	200	200	200	16	-	30	30	15	20	138	34	1.9
100	4	150	220	220	229	16	50	30	30	15	20	190	38	2.4
125	5	150	250	250	250	16	50	30	30	15	10	270	42	2.5
150	6	150	285	285	285	16	50	30	30	15	10	370	49	3.0
175	7	150	315	315	315	16	50	30	30	15	10	445	57	3.6
200	8	150	340	340	340	16	50	30	30	15	10	560	58	4.0
225	9	150	370	370	370	16	50	30	30	15	10	700	60	4.6
250	10	200	405	405	405	16	50	25	30	30	9	800	55	8.0
300	12	200	460	460	485	16	50	25	30	30	8	1000	65	10.0
350	14	200	520	520	533	16	50	25	30	30	7	1300	75	11.5
400	16	200	580	580	597	16	50	25	30	30	6	1700	85	14.0
450	18	200	640	640	640	16	50	25	30	30	5	2000	95	15.0
NT 2														
250	10	300	405	405	405	16	30	60	60	45	25	800	34	11.0
300	12	300	460	460	485	16	30	60	60	45	22	1100	34	13.0
350	14	300	520	520	533	16	30	60	60	45	18	1500	34	15.0
400	16	300	580	580	597	16	30	60	60	45	16	1900	44	17.0
450	18	300	640	640	640	16	30	60	60	45	14	2400	44	19.0

(1) Other drillings available (e.g. PN6, PN25, PN40, BS10 Table E...). Please consult us.

(2) CC rubber grade : max. operating conditions : Pressures as listed above @ 90°C ; 10 Bar @ 110°C.

(3) ES rubber grade : max. operating conditions : 25 Bar @ 70°C ; 16 Bar @ 140°C.

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

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

Distributor :

Mercia Flexibles • www.merciaflexibles.co.uk

Ludlow Business Park • Ludlow • Shropshire • SY8 1XF • United Kingdom

Tel: +44 (0)1584 874999 • Fax: +44 (0)1584 874007 • Email: enquiries@merciaflexibles.co.uk