



DILATOFLEX[®] N

AR / CN
Red label

Inner
lining
grades

YP
Yellow label

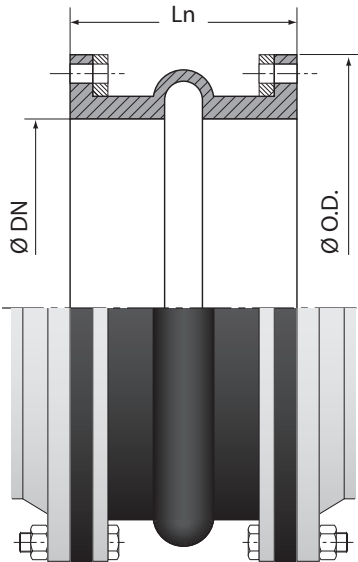
GZ
Orange label

AB
Grey label

EPC
Cream label

TE
Mauve label

HH
Blue label



DIMENSIONAL DATA								TECHNICAL DATA							
Number of Convolutions	Nominal Diameter		Nominal length (L _n in mm)	Drilling standards (1)				Max. permissible pressure (bar) (2) (3)	Steering required for vacuum greater than ...%	Max. Permissible Movements (maximum values do not apply simultaneously)				End thrust in daN for P= 1 bar	Approx. weight in kg (below only) (4)
	ND mm	NPS inch		ISO 2084 NF EN 1759-1 NF EN 1092-1						Axial	Lateral	Angular			
				PN 2.5	PN 6 - PN 10	PN 16	class 150 (PN 20)			Compression L _n - L _c mm	Elongation L _e - L _n mm	Shearing R mm	angle α° degree		
1	500	20	300		X	X	X	10	20 %	40	30	20	6	2.5	30
1	550	22	300		X	X	-	10	20 %	20	30	15	4	3.0	40
1	600	24	300		X	X	X	10	20 %	40	40	20	7	3.8	43
1	700	28	300		X	X	X	10	20 %	40	40	20	6	4.9	44
1	750	30	300		X	X	X	10	20 %	20	20	15	3	5.3	60
1	800	32	400		X	X	X	10	20 %	40	40	20	5	6.3	67
1	850	34	400		***	***	***	10	20 %	40	40	20	5	7.0	70
1	900	36	400		X	X	X	10	20 %	40	40	20	5	8.8	80
1	1000	40	400		X	X	-	10	20 %	40	40	20	4	9.4	84
1	1100	44	400		X	X	X	6	20 %	40	30	20	3	10.7	100
1	1200	48	400		X	X	X	6	20 %	40	40	20	3	13.2	120
1	1250	50	400		***	***		6	10 %	40	40	20	3	14.2	115
1	1300	52	400		X			6	10 %	20	20	15	1.5	14.8	115
1	1400	56	400		X			6	10 %	40	40	20	3	17.6	150
1	1500	60	400		X			6	10 %	20	20	15	1.5	20.0	170
1	1600	64	400		X			6	10 %	40	30	20	2	22.4	183
1	1700	68	400		X			6	10 %	40	30	20	1.5	25.2	215
1	1800	72	400		X			6	10 %	20	20	15	1	27.8	225
1	2000	80	750		X			1.5	-	150	100	50	5	38.3	275
1	2200	88	750		X			1.5	-	150	150	75	7	48.2	400
1	2400	96	400		X			4	-	50	40	20	1.5	49.6	300
1	2500	100	750	X				1.5	-	150	100	50	4	56.8	450
1	2600	104	750	X				1.5	-	150	150	75	6	64.4	500
1	3000	120	750	X				1.3	-	150	100	50	3	79.3	550

Example of Label



(1) Other drillings available (e.g. BS10D-E, AWWA....). Please consult us.

(***) Non standard drilling.

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

(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- 005/5 from 2011 - 12 - 02

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