

DILATOFLEX®



DILATOFLEX® M

Type M

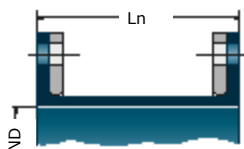
Adaptable expansion joints

- » Several nominal lengths
- » Different convolution designs
- » Technical study depending on applications

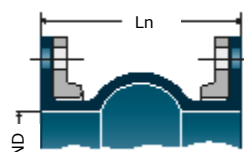
DILATOFLEX® TYPE MX

(tailor-made, not shown below)
Please consult us.

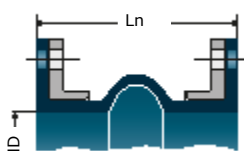
TYPE MD 40



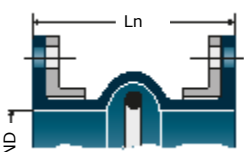
TYPE MS 50



TYPE MA 60



TYPE MB 60



Inner lining grade and working temperature

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

Type	Nominal Diameter		Nominal Length(*)	Drilling Standards(**) NF EN 1759-1 NF EN 1092-1 ASME B16.47A	Max. Permissible Pressure (1)	Maximum Permissible Vacuum (% Vacuum)	Max. Permissible Movements (maximum values do not apply simultaneously)				End Thrust for P=1 bar (kdaN)	Approximate Weight (below only) (kg)			
	Ln (mm)	Ln (mm)					Ln-Lc (mm)	Le-Ln (mm)	R (mm)	α° (degree)			Compression	Elongation	Lateral
MD 40	500	20	225	250	X	4	100%	20	0	30	2.3	1.7	2.3	42	
	600	24	225	250	X	4	100%	20	0	30	1.9	1.4	3.2	53	
	800	32		250		X	4	100%	20	0	30	1.4	1.1	5.6	82
	1000	40		250	300	X	4	100%	20	0	30	1.1	0.9	8.5	111
	1200	48			300	X	4	100%	20	0	30	0.9	0.7	12.1	179
	1400	56			300	X	4	100%	20	0	30	0.8	0.6	16.4	225
	1600	64			300	X	4	100%	25	0	30	0.9	0.5	21.2	345
	1800	72			300	X	4	100%	25	0	30	0.8	0.5	26.7	392
	2000	80			300	X	4	100%	25	0	30	0.7	0.4	32.9	450
	2200	88			300	X	4	100%	25	0	30	0.7	0.4	39.6	525
For any intermediate sizes and further sizes up to ND 2800 mm, please consult us															
MS 50	500	20		250	X	6	0%	20	15	30	4.0	-	2.4	49	
	600	24		250	X	6	0%	20	15	30	3.3	-	3.4	60	
	800	32		250	X	6	0%	20	15	30	2.5	-	5.8	92	
	1000	40		250	300	X	6	0%	20	15	30	2.0	-	8.8	122
	1200	48			300	X	6	0%	20	15	30	1.7	-	12.4	200
	1400	56			300	X	6	0%	20	15	30	1.4	-	16.4	251
	1600	64			300	X	6	0%	20	15	30	1.2	-	21.5	391
	1800	72			300	X	6	0%	20	15	30	1.1	-	27.0	438
	2000	80			300	X	6	0%	20	15	30	1.0	-	33.1	500
	2200	88			300	X	6	0%	20	15	30	0.9	-	39.9	580
For any intermediate sizes and further sizes up to ND 2800 mm, please consult us															
MA 60	500	20		250	300	X	8	0%	30	30	30	6.8	-	2.6	54
	600	24		250	300	X	8	0%	30	30	30	5.7	-	3.6	68
	800	32		250	300	X	8	0%	30	30	30	4.3	-	6.1	98
	1000	40		250	300	X	8	0%	30	30	30	3.4	-	9.1	135
	1200	48			300	X	8	0%	30	30	30	2.9	-	12.8	215
	1400	56			300	X	8	0%	30	30	30	2.4	-	17.2	273
	1600	64			300	X	8	0%	30	30	30	2.1	-	22.1	405
	1800	72			300	X	8	0%	30	30	30	1.9	-	27.7	454
	2000	80			300	X	8	0%	30	30	30	1.7	-	33.9	514
	2200	88			300	X	8	0%	30	30	30	1.6	-	40.7	617
For any intermediate sizes and further sizes up to ND 2800 mm, please consult us															
MB 60	500	20		250	300	X	8	100%	30	10	30	4.6	4.6	2.6	61
	600	24		250	300	X	8	100%	30	10	30	3.8	3.8	3.6	77
	800	32		250	300	X	8	100%	30	10	30	2.9	2.9	6.1	109
	1000	40		250	300	X	8	100%	30	10	30	2.3	2.3	9.1	149
	1200	48			300	X	8	100%	30	10	30	1.9	1.9	12.8	232
	1400	56			300	X	8	100%	30	10	30	1.6	1.6	17.2	290
	1600	64			300	X	8	100%	30	10	30	1.4	1.4	22.1	426
	1800	72			300	X	8	100%	30	10	30	1.3	1.3	27.7	477
	2000	80			300	X	8	100%	30	10	30	1.1	1.1	33.9	550
	2200	88			300	X	8	100%	30	10	30	1.0	1.0	40.7	645
For any intermediate sizes and further sizes up to ND 2800 mm, please consult us															

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

(*) For other lengths, please consult us.

(2) Steel retaining flanges in one part (zinc-chromated, hot-dip galvanized or stainless steel).

(**) For other drillings, please consult us.

(***) For higher movement values, please consult us.

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