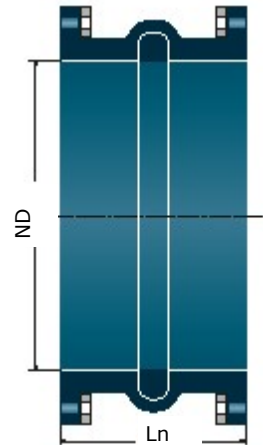


DILATOFLEX®



DILATOFLEX® N

| Nominal Diameter | Nominal Length* | Drilling standards (1) | | | | Max. Permissible Pressure (2) (3) | Steel Ring Required for Vacuum Greater than ...% Vacuum (5) | Max. Permissible Movements (maximum values do not apply simultaneously) (6) | | | | End Thrust for P=1 bar | Approx. Weight (below only) (3) |
|------------------|-----------------|------------------------|--------------|---------------|-----------|-----------------------------------|---|---|-------------|------------------|---------|------------------------|---------------------------------|
| | | NF EN 1759-1 | NF EN 1092-1 | ASME B16.47 A | Class 150 | | | Compression | Elongation | Lateral Shearing | Angular | | |
| | Ln (mm) | PN 2.5 | PN 6—PN 10 | PN 16 | WP (bar) | Ln-Lc (mm) | Le-Ln (mm) | R (mm) | α° (degree) | (KdaN) | (kg) | | |
| 500 | 20 | 300 | X | X | X | 10 | 20% | 40 | 30 | 20 | 6 | 2.5 | 30 |
| 550 | 22 | 300 | *** | *** | | 10 | 20% | 20 | 30 | 15 | 4 | 3.0 | 40 |
| 600 | 24 | 300 | X | X | X | 10 | 20% | 40 | 40 | 20 | 7 | 3.8 | 43 |
| 700 | 28 | 300 | X | X | X | 10 | 20% | 40 | 40 | 20 | 6 | 4.9 | 44 |
| 750 | 30 | 300 | *** | *** | *** | 10 | 20% | 20 | 20 | 15 | 3 | 5.3 | 60 |
| 800 | 32 | 400 | X | X | X | 10 | 20% | 40 | 40 | 20 | 5 | 6.3 | 67 |
| 850 | 34 | 400 | *** | *** | *** | 10 | 20% | 40 | 40 | 20 | 5 | 7.0 | 70 |
| 900 | 36 | 400 | X | X | X | 10 | 20% | 40 | 40 | 20 | 5 | 8.8 | 80 |
| 1000 | 40 | 400 | X | X | | 10 | 20% | 40 | 40 | 20 | 4 | 9.4 | 84 |
| 1100 | 44 | 400 | *** | *** | *** | 6 | 20% | 40 | 30 | 20 | 3 | 10.7 | 100 |
| 1200 | 48 | 400 | X | X | X | 6 | 20% | 40 | 40 | 20 | 3 | 13.2 | 120 |
| 1250 | 50 | 400 | *** | *** | | 6 | 10% | 40 | 40 | 20 | 3 | 14.2 | 115 |
| 1300 | 52 | 400 | *** | | | 6 | 10% | 20 | 20 | 15 | 1.5 | 14.8 | 115 |
| 1400 | 56 | 400 | X | | | 6 | 10% | 40 | 40 | 20 | 3 | 17.6 | 150 |
| 1500 | 60 | 400 | *** | | | 6 | 10% | 20 | 20 | 15 | 1.5 | 20.0 | 170 |
| 1600 | 64 | 400 | X | | | 6 | 10% | 40 | 30 | 20 | 2 | 22.4 | 183 |
| 1700 | 68 | 400 | *** | | | 6 | 10% | 40 | 30 | 20 | 1.5 | 25.2 | 215 |
| 1800 | 72 | 400 | X | | | 6 | 10% | 20 | 20 | 15 | 1 | 27.8 | 225 |
| 2000 | 80 | 750 | X | | | 1.5 | | 150 | 100 | 50 | 5 | 38.3 | 275 |
| 2200 | 88 | 750 | X | | | 1.5 | | 150 | 150 | 75 | 7 | 48.2 | 400 |
| 2400 | 96 | 400 | X | | | 4 | | 50 | 40 | 20 | 1.5 | 49.6 | 300 |
| 2500 | 100 | 750 | *** | | | 1.5 | | 150 | 100 | 50 | 4 | 56.8 | 450 |
| 2600 | 104 | 750 | X | | | 1.5 | | 150 | 150 | 75 | 6 | 64.4 | 500 |
| 3000 | 120 | 750 | X | | | 1.3 | | 150 | 100 | 50 | 3 | 79.3 | 550 |



(***) Non-standard drilling.

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

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

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

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

(5) For vacuum working condition: NV type, please consult us.

(6) Permissible movement values may be impacted by vacuum ring, please consult us.

Inner lining grade and working temperature

DW -25 °C
+90 °C/105 °C

EPC -25 °C
+95 °C

AR/CN -35 °C
+90 °C

GZ -20 °C
+90 °C

HH -20 °C
+90 °C

YP -25 °C
+100 °C

AB -35 °C
+100 °C

TE -25 °C
+100 °C

anvis Decize S.A.S.

Usine des Caillots—BP101—F-58302 DECIZE CEDEX

✉ dilatoflex@anvisgroup.com — www.dilatoflex.com

anvis