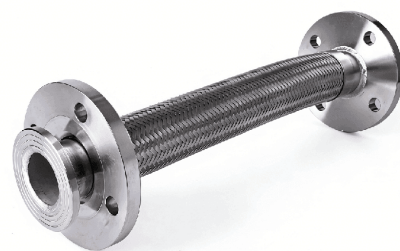


## Metal Hoses (Braided corrugated hose)

### Product Features

1. Nominal diameters from DN 6 to DN 250 mm
2. Wide temperature range of -196 °C to +550 °C
3. Suitable for pressures up to 300 bar and vacuum
4. Available in both import and domestic models
5. 100 leakage testing



### Construction

The materials used for metal hoses make them extremely resistant to corrosion and abrasion. Their excellent temperature tolerance, strength under vacuum and outstandingly low permeability make metal hoses the preferred choice for transporting solid, liquid and gaseous substances under particularly demanding conditions. Devel offers comprehensive advice on selecting the best metal hose solution.

Devel offers a comprehensive range of products with a wide choice of different hose types. The experienced advisers at Devel draw on their fluid technology expertise to find the optimum product for you. They also provide flexible and responsive support to you throughout the system design phase.

Temperature Correction Factor

Product Name Flanged Metal Hose (Bellows)

Main Material CS / 304SS / 316SS

Product Specification DN50-ND500 (Any length)

Connection Both movable / Both fixed / Single movable

### Specifications

| DN  | Inside Diameter | Outside diameter (mm) |                   | Minimum bending radius |                 | Maximum working pressure(MPa) |                             |
|-----|-----------------|-----------------------|-------------------|------------------------|-----------------|-------------------------------|-----------------------------|
|     |                 | Bellows               | Braided wire mesh | Static Bellows         | Dynamic Bellows | Single layer of braid mesh    | Double layers of braid mesh |
| mm  | mm              |                       |                   |                        |                 |                               |                             |
| 8   | 8.8             | 13.2                  | 14.4              | 50                     | 110             | 15                            | 20                          |
| 10  | 11.7            | 16.5                  | 17.7              | 65                     | 145             | 15                            | 20                          |
| 15  | 13.5            | 19.5                  | 21.1              | 80                     | 180             | 18                            | 20                          |
| 20  | 20              | 27                    | 28.6              | 120                    | 270             | 10                            | 15                          |
| 25  | 27              | 34.5                  | 36.1              | 160                    | 360             | 6.3                           | 10                          |
| 32  | 32              | 40                    | 41.6              | 175                    | 400             | 4                             | 6.3                         |
| 40  | 39.6            | 52                    | 53.6              | 225                    | 510             | 4                             | 6.3                         |
| 50  | 49.7            | 62                    | 63.6              | 280                    | 640             | 3                             | 5                           |
| 65  | 61.2            | 80.2                  | 81.8              | 410                    | 915             | 3                             | 5                           |
| 80  | 79              | 96.3                  | 97.9              | 486                    | 1030            | 3                             | 5                           |
| 100 | 101.2           | 119.6                 | 121.2             | 610                    | 1340            | 2.5                           | 4                           |
| 125 | 124.1           | 145.3                 | 146.9             | 700                    | 1540            | 2.5                           | 4                           |
| 150 | 149.4           | 180.8                 | 182.4             | 810                    | 1780            | 2.5                           | 4                           |
| 200 | 176             | 240                   | 243.2             | 1000                   | 2000            | 2.5                           | 4                           |
| 250 | 248             | 290                   | 294               | 1250                   | 2500            | 2.5                           | 4                           |
| 300 | 298             | 350                   | 355               | 1500                   | 3000            | 1.6                           | 2.5                         |
| 350 | 347             | 400                   | 404.8             | 1750                   | 3500            | 1.6                           | 2.5                         |
| 400 | 397.6           | 460                   | 464.8             | 2000                   | 4000            | 1.6                           | 2.5                         |

Note: \*Install length based on the Devel factory standard. Other lengths can be changed according to your requirement.