

NGD series explosion-proof flexible connecting pipe

Scope of application

1. It is applicable to the places in Zone 1 and Zone 2 of explosive gas environment;

2. It is applicable to the places in Zone 21 and 22 of combustible dust environment;

- 3. Suitable for IIA, IIB and IIC explosive gas environment;
- 4. Applicable to T1-T6 temperature group;

5. It is applicable to dangerous environments such as oil exploitation, oil refining, chemical industry, military Industry, offshore oil platforms, oil tankers, metal processing, etc. as the connection and turning direction change of steel pipe wiring.



Feature of product

1. It has the advantages of dye resistance, corrosion resistance, water resistance, aging resistance, good flexibility, firm structure, reliable operation, etc;

2. Thread specifications can be made according to customer requirements, such as NPT, metric thread, etc;

3. It has the advantages of oil resistance, acid resistance, corrosion resistance, wear resistance, aging resistance, waterproof, flame retardant, good flexibility, etc;

4. The length of flexible pipe can be specially processed according to user requirements.

Technical parameter



Explosion proof sign:Ex db II C Gb/ Ex eb II C Gb / Ex tb III C T80 °C Db

Thread specification: "G1/2-G4"、 "NPT1/2-NPT4"、 "M20-M110" Various thread sizes are available for users to choose,

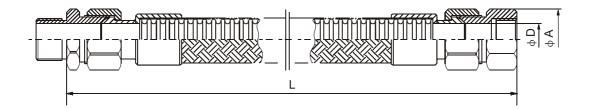
Protection grade: IP66



Model Selection Table

| Model | Pipe | Inner diameter of pipe(D) | | | Thread size | | | Length | Maximum diameter of profile (A) | | Minimum bending |
|-----------------|------------------|------------------------------|----|----|-------------|----------|----------|--------|---------------------------------|-----|--------------------|
| Model | diameter (mm) | Ι | П | Ш | Imperial | American | Metric | L (mm) | I | П | radius (mm) |
| NGD × 700 | 13 | 13 | 13 | 15 | G1/2 | NPT1/2 | M20x1.5 | 700 | 38 | 28 | 80 |
| NGD-[] × 1000[] | 13 | 13 | 13 | 15 | G1/2 | NPT1/2 | M20x1.5 | 1000 | 38 | 28 | 80 |
| NGD- × 700 | 20 | 17 | 17 | 20 | G3/4 | NPT3/4 | M25x1.5 | 700 | 42 | 34 | 110 |
| NGD-[] × 1000[] | 20 | 17 | 17 | 20 | G3/4 | NPT3/4 | M25x1.5 | 1000 | 42 | 34 | 110 |
| NGD × 700 | 25 | 21 | 21 | 25 | G1 | NPT1 | M32x1.5 | 700 | 46 | 40 | 145 |
| NGD-[] × 1000[] | 25 | 21 | 21 | 25 | G1 | NPT1 | M32x1.5 | 1000 | 46 | 40 | 145 |
| NGD × 700 | 32 | 26 | 26 | 29 | G1/4 | NPT11/4 | M40x1.5 | 700 | 60 | 48 | 180 |
| NGD-[] × 1000[] | 32 | 26 | 26 | 29 | G1/4 | NPT11/4 | M40x1.5 | 1000 | 60 | 48 | 180 |
| NGD × 700 | 40 | 30 | 30 | 36 | G1/2 | NPT11/2 | M50x1.5 | 700 | 65 | 55 | 210 |
| NGD-[] × 1000[] | 40 | 30 | 30 | 36 | G1/2 | NPT11/2 | M50x1.5 | 1000 | 65 | 55 | 210 |
| NGD×700 | 50 | 42 | 47 | 50 | G2 | NPT2 | M63x1.5 | 700 | 85 | 75 | 250 |
| NGD-[] × 1000[] | 50 | 42 | 47 | 50 | G2 | NPT2 | M63x1.5 | 1000 | 85 | 75 | 250 |
| NGD- × 700 | 70 | 50 | 62 | 64 | G21/2 | NPT21/2 | M75x1.5 | 700 | 100 | 90 | 350 |
| NGD-[] × 1000[] | 70 | 50 | 62 | 64 | G21/2 | NPT21/2 | M75x1.5 | 1000 | 100 | 90 | 350 |
| NGD × 700 | 80 | 62 | 72 | 77 | G3 | NPT3 | M90x1.5 | 700 | 115 | 115 | 400 |
| NGD × 1000 | 80 | 62 | 72 | 77 | G3 | NPT3 | M90x1.5 | 1000 | 115 | 115 | 400 |
| NGD × 700 | 100 | 85 | 90 | 95 | G4 | NPT4 | M110x1.5 | 700 | 145 | 145 | 500 |
| NGD-[] × 1000[] | 100 | 85 | 90 | 95 | G4 | NPT4 | M110x1.5 | 1000 | 145 | 145 | 500 |

Overall dimensions



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