

## ►► Explosion Proof Flexible Connecting Pipe NGD

### ►► Applicable Scope

1. Suitable for explosive gas environments in Zone 1 and Zone 2 locations;
2. Suitable for places in Zone 21 and Zone 22 with combustible dust environments;
3. Suitable for Class IIA, IIB, and IIC explosive gas environments;
4. Suitable for the T1-T6 temperature group;
5. Widely used for the connection of explosion-proof electrical equipment in hazardous environments such as oil extraction, refining, chemical industry, and gas station, or for the connection of steel pipe wiring in situations where it is difficult to bend.

### ►► Product Features

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 threads, etc;
3. It has advantages such as oil resistance, acid resistance, corrosion resistance, wear resistance, aging resistance, waterproofing, flame retardancy, and good flexibility;
4. The length of flexible pipes can be specially processed according to user requirements.



### ►► ExplosionProof Class

Explosion proof Mark	Ex db IIB T6 GbEx tb IIIC T80°C Db
Protection level	IP54,IP66
Anti corrosion grade	WF2

### ►► Technical Parameters

Model	Pipe diameter (mm)	Pipe inner diameter (mm)			Thread specifications			Length (mm)	Minimum bending radius (mm)
		Type I	Type II	Type III	English system	American system	Metric system		
NGD-□×700□	13	13	13	15	G1/2	NPT1/2	M20x1.5	700	80
NGD-□×1000□	13	13	13	15	G1/2	NPT1/2	M20x1.5	1000	80
NGD-□×700□	20	17	17	20	G3/4	NPT3/4	M25x1.5	700	110
NGD-□×1000□	20	17	17	20	G3/4	NPT3/4	M25x1.5	1000	110
NGD-□×700□	25	17	17	25	G1	NPT1	M32x1.5	700	145
NGD-□×1000□	25	17	17	25	G1	NPT1	M32x1.5	1000	145
NGD-□×700□	32	26	26	29	G1/4	NPT1/4	M40x1.5	700	180
NGD-□×1000□	32	26	26	29	G1/4	NPT1/4	M40x1.5	1000	180
NGD-□×700□	40	30	30	36	G1/2	NPT1/2	M50x1.5	700	210
NGD-□×1000□	40	30	30	36	G1/2	NPT1/2	M50x1.5	1000	210
NGD-□×700□	50	42	47	50	G2	NPT2	M63x1.5	700	250
NGD-□×1000□	50	42	47	50	G2	NPT2	M63x1.5	1000	250
NGD-□×700□	70	50	62	64	G2 1/2	NPT2 1/2	M75x1.5	700	350
NGD-□×1000□	70	50	62	64	G2 1/2	NPT2 1/2	M75x1.5	1000	350
NGD-□×700□	80	62	72	77	G3	NPT3	M90x1.5	700	400
NGD-□×1000□	80	62	72	77	G3	NPT3	M90x1.5	1000	400
NGD-□×700□	100	85	90	95	G4	NPT4	M110x1.5	700	500
NGD-□×1000□	100	85	90	95	G4	NPT4	M110x1.5	1000	500