

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

 <p>I: PVC</p>	 <p>II: stainless steel</p>	 <p>III: Steel wire braiding</p>
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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 diameter (mm)	Inner diameter of pipe(D)			Thread size			Length L (mm)	Maximum diameter of profile (A)		Minimum bending radius (mm)
		I	II	III	Imperial	American	Metric		I	II	
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

Pipe fitting

Overall dimensions

