



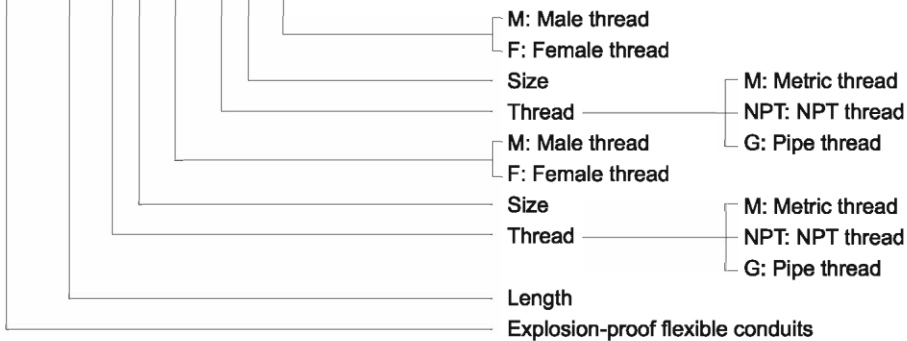
Flexible Conduits

BNG Series Stainless Steel Explosion-proof Flexible Conduits

- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 1 and Zone 2
 - Class I, Division 1, Groups A, B, C, D
- ◆ Ex d structure; stainless steel body; connectors at both ends in stainless steel.
- ◆ Application:
 - Widely used for flexible connection between explosion-proof boxes or explosion-proof light fittings and pipes
 - Protect cable from any damage
 - Highly corrosion-proof

■ Catalogue number logic

BNG - □ x □ □ (□) / □ □ (□)



Technical data

Stainless steel explosion-proof flexible conduits BNG-□x□□(□)/□□(□)

Explosion protection

- Gas explosion protection
- Dust explosion protection

Ex II 2 G Ex d IIC Gb

Ex II 2 D Ex tD A21 IP66

Certificates

DNV 10 ATEX 87636U; IECEX CQM 11.0014U; POCC CN.Г Ъ 05.B03637(Russia)

Conformity to standards

EN 60079-0:2009, EN 60079-1:2007, EN 61241-0:2006, EN 61241-1:2004
IEC 60079-0:2007, IEC 60079-1:2007, IEC 61241-0:2004, IEC 61241-1:2004

Material

Stainless steel body; connectors at both ends in stainless steel

Degree of protection

IP66

Ambient temperature

-60°C~+55°C

Connection thread

Metric thread is standard type; G thread or NPT thread is optional

Type


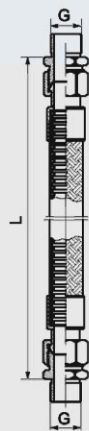
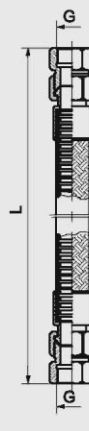
F/F, M/F or M/M

Note: M75, M90, M110 equivalent G thread and NPT thread can be customized.

Zones 1&2; 21&22

BNG Series Stainless Steel Explosion-proof Flexible Conduits

Selection table

Versions	Internal nominal diameter (mm)	Pipe connector thread G	Length L (mm)	Minimum bending radius (mm)	Ordering code	Weight (kg)
 <p>BNG-□x□□(M)/□□(F)</p>	15	M20 x 1.5	700	80	712001	0.55
	15	M20 x 1.5	1000	80	712002	0.70
	20	M25 x 1.5	700	110	712003	0.85
	20	M25 x 1.5	1000	110	712004	1.00
	25	M32 x 1.5	700	145	712005	1.05
	25	M32 x 1.5	1000	145	712006	1.15
	32	M40 x 1.5	700	180	712007	1.25
	32	M40 x 1.5	1000	180	712008	1.30
	40	M50 x 1.5	700	210	712009	1.70
	40	M50 x 1.5	1000	210	712010	1.95
 <p>BNG-□x□□(M)/□□(M)</p>	50	M63 x 1.5	700	250	712011	2.35
	50	M63 x 1.5	1000	250	712012	2.40
	15	M20 x 1.5	700	80	712013	0.50
	15	M20 x 1.5	1000	80	712014	0.65
	20	M25 x 1.5	700	110	712015	0.80
	20	M25 x 1.5	1000	110	712016	0.95
	25	M32 x 1.5	700	145	712017	1.00
	25	M32 x 1.5	1000	145	712018	1.05
	32	M40 x 1.5	700	180	712019	1.15
	32	M40 x 1.5	1000	180	712020	1.20
 <p>BNG-□x□□(F)/□□(F)</p>	40	M50 x 1.5	700	210	712021	1.60
	40	M50 x 1.5	1000	210	712022	1.80
	50	M63 x 1.5	700	250	712023	2.15
	50	M63 x 1.5	1000	250	712024	2.25
	15	M20 x 1.5	700	80	712025	0.65
	15	M20 x 1.5	1000	80	712026	0.75
	20	M25 x 1.5	700	110	712027	0.95
	20	M25 x 1.5	1000	110	712028	1.05
	25	M32 x 1.5	700	145	712029	1.10
	25	M32 x 1.5	1000	145	712030	1.30
	32	M40 x 1.5	700	180	712031	1.35
	32	M40 x 1.5	1000	180	712032	1.40
	40	M50 x 1.5	700	210	712033	1.80
	40	M50 x 1.5	1000	210	712034	2.15
	50	M63 x 1.5	700	250	712035	2.55
	50	M63 x 1.5	1000	250	712036	3.15

