

Flexible conduit systems for hazardous areas

Conduit fittings – Selection guide



	Non-metallic conduit			Nylon conduit fittings			
	EXB Nylon conduit	EXBB Nylon conduit	XESX Nylon conduit	EXBQ & EXPQ Straight metallic & braided fittings	NENV Straight Nylon fittings	NEIR Nylon Straight conduit fitting	NENZ Straight Nylon 90° curved strain relie
Approvals							
ATEX	•	•	•	•	•	•	•
IEC / IECEx	•	•	•	•	•	•	•
CSA / UL	–	–	–	–	–	–	–
UL	–	–	–	–	–	–	–
EAC Ex	•	•	•	•	–	–	–
INMETRO	•	•	•	•	–	–	–
CNEX	•	•	•	•	–	–	–
Protection Type							
Ex e	•	•	•	•	•	•	•
Ex d	–	–	–	–	–	–	–
Ex de	–	–	–	–	–	–	–
Ex tb	•	•	•	•	•	•	•
Class / Division							
Class I / Div 1	–	–	–	–	–	–	–
Class I / Div 2	–	–	–	–	–	–	–
Class II / Div 1	–	–	–	–	–	–	–
Class II / Div 2	–	–	–	–	–	–	–
Page No.	26	26	27	28/29	31	31	32



Nylon conduit fittings								
NEAV Nylon 45° elbow fittings	NEBV Nylon 90° curved elbow fitting	NEWV Nylon 90° elbow fitting	BENRRE Nylon corrugated conduit connector	BESGR Nylon Slice connector	BEYR Nylon 'Y' piece fitting	BETR Nylon 'T' piece fitting	BESGR conduit adapter	BEH Nylon conduit clip
•		•	•	•	•	•	•	•
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32	33	33	33	34	34	34	35	35

Non-metallic nylon conduit system

EXB & EXBB Series – Anti-static nylon & overbraided conduit

EXB Series – Anti-static nylon conduit

Compatible with: EXPQM / EXPQA fittings / Materials: Anti-static Nylon 12 / Colour: Black

	Part no.	Conduit Size Metric (mm)	Outside diameter (mm)	Coil length (m)
	EXB03*	16	15.8	10/30/50
	EXB04*	20	21.2	10/30/50
	EXB05*	25	28.5	10/30/50
	EXB06*	32	34.4	10/30/50
	EXB07*	40	42.4	10/30/50
	EXB08*	50	54.5	10/30/50
	EXB09*	68	67.2	10/30/50
	EXB010*	80	80.0	10/30/50

* Add coil length to complete part number, e.g. 10 metres = EXB0510

Approvals & certifications



Conformity

Conforms to:

ATEX: Baseefa 08 ATEX 0003X

IECEX: IECEX BAS08.0001X

EAC Ex: RU C-GB AA87.00198

INMETRO: UL-BR 15.04.76X

CNEX: CNEX 15.1693X

Ex II 2 GD

Ex e IIC Gb

Ex tb IIIC Db

Temperature range

-20°C to +80°C

RTI 110°C to EN60079-0

Special characteristics

Screening level 60dB at 1MHz

EXBB Series – Overbraided conduit

Compatible with: EXBQM / EXBQA fittings / Materials: Anti-static Nylon 12 / Stainless Steel

	Part no.	Conduit Size Metric (mm)	Outside diameter (mm)	Coil length (m)
	EXBB03*	16	15.8	50
	EXBB04*	20	23.6	50
	EXBB05*	25	30	50
	EXBB06*	32	36	50
	EXBB07*	40	43.5	30
	EXBB08*	50	56.5	50

* Add coil length to complete part number, e.g. 10 metres = EXBB0550

Approvals & certifications



Conformity

Conforms to:

ATEX: Baseefa 08 ATEX 0003X

IECEX: IECEX BAS08.0001X

EAC Ex: RU C-GB AA87.00198

INMETRO: UL-BR 15.04.76X

CNEX: CNEX 15.1693X

Ex II 2 GD

Ex e IIC Gb

Ex tb IIIC Db

Temperature range

-20°C to +80°C

RTI 110°C to EN60079-0

Special characteristics

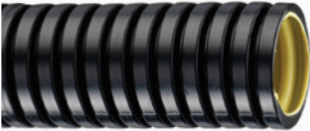
Screening level 60dB at 1MHz

Non-metallic nylon conduit system

XESX Series – Anti-static nylon conduit

XESX Series – Anti-static nylon multi-layer conduit

Compatible with: EXPQ and nylon fittings / Materials: Anti-static Nylon 12 /
Colour: Yellow (inside)

	Part no.	Conduit Size Metric (mm)	Outside diameter (mm)	Coil length (m)
	XESX0250	12	12.8	50
	XESX0350	16	15.6	50
	XESX0450	20	21.0	50
	XESX0550	25	28.5	50
	XESX0650	32	34.4	50
	XESX0730	40	42.4	50
	XESX0830	50	54.4	50

* Add coil length to complete part number, e.g. 10 metres = EXB0510

Approvals & certifications



Conformity

Conforms to:

Metallic fittings:

ATEX: Baseefa 08 ATEX 0003X

IECEX: IECEX BAS08.0001X

EAC Ex: RU C-GB AA87.00198

INMETRO: UL-BR 15.04.76X

CNEX: CNEX 15.1693X

Ex II 2 GD

Ex e IIC Gb

Ex tb IIIC Db

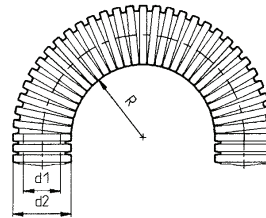
Nylon fittings:

ATEX: SEV15ATEX0121

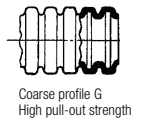
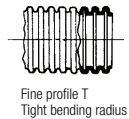
IECEX: IECEX SEV15.0009

Ex eb IIC

Ex tb IIIC



stat. R = lowest recommended bending
radius for static (fixed) installation
dyn. R = lowest recommended bending radius
for dynamic (flexible) installation



Non-metallic nylon conduit system

EXBQ Series – Metallic fittings



Features and benefits:

- Manufactured in nickel plated brass
- Approved for use in Ex e applications for
- Zones 1, 2, 21 & 22
- Available in Metric & NPT thread
- EXPQ for use with unbraided nylon conduit
- EXBQ for use with over braided nylon conduit

EXPQM / EXPQA Series - Nylon conduit fitting – for use with EXB and XESX conduits

Approvals & certifications		Conformity		Temperature range	
		Conforms to:		–40°C to +85°C	
		IEC EN 60079-0, 60079-7, 60079-31			
		ATEX: Baseefa 08 ATEX 0003X			
		IECEX: IECEX BAS08.0001X			
		EAC Ex: RU C-GB AA87.00198			
		INMETRO: UL-BR 15.04.76X			
		CNEX: CNX 15.1693X			
		Ex II 2 GD			
		Ex e IIC Gb			
		Ex tb IIIC Db			
		IP Rating		Material	
		IP66		Nickel plated brass	

Dimensions

	Part no.	Thread Size A	Nominal Conduit Size B (mm)	Cable Gland Dimensions (mm)						
				C	D	E	L	H	CH1	CH2
	EXPQM0303	M16	16.0	11.4	27.4	25.9	16.0	33.3	25.4	24.0
	EXPQM0304	M20	16.0	11.4	27.4	25.9	16.0	33.3	25.4	24.0
	EXPQM0404	M20	21.0	15.8	30.2	30.2	16.0	32.0	28.0	28.0
	EXPQM0505	M25	28.0	19.0	41.0	41.0	16.0	39.0	38.0	38.0
	EXPQM0606	M32	34.0	26.4	48.1	45.4	17.0	40.0	44.5	42.0
	EXPQM0707	M40	42.0	32.9	61.6	58.3	17.0	49.5	57.0	54.0
	EXPQM0808	M50	54.0	43.9	75.6	75.6	16.0	48.0	70.0	70.0
	EXPQM0909	M63	63.0	56.0	91.8	91.8	16.0	54.6	84.0	84.0
	EXPQM1010	M75	80.0	67.5	104.0	104.0	16.0	52.6	95.3	95.3
	EXPQA0304	1/2" NPT	16.0	11.4	33.2	26.6	18.0	43.5	30.0	24.0
	EXPQA0404	1/2" NPT	21.0	15.8	38.8	31.0	16.0	43.5	35.0	28.0
	EXPQA0505	3/4" NPT	28.0	19.0	49.3	42.1	16.0	50.0	44.5	38.0
	EXPQA0606	1" NPT	34.0	26.4	55.4	46.5	18.0	51.0	50.0	42.0
	EXPQA0707	1 1/4" NPT	42.0	32.9	77.6	59.8	18.0	67.5	70.0	54.0
	EXPQA0808	1 1/2" NPT	54.0	43.9	93.1	77.6	16.0	70.0	84.0	70.0
	EXPQA0909	2" NPT	63.0	56.0	91.8	91.8	16.0	54.6	84.0	84.0
	EXPQA1010	2 1/2" NPT	80.0	67.5	104.0	104.0	16.0	52.6	95.3	95.3

EXPQ Series – Metallic fittings



- Manufactured in nickel plated brass
- Approved for use in Ex e applications for
- Zones 1, 2, 21 & 22
- Available in Metric & NPT thread
- EXPQ for use with unbraided nylon conduit
- EXBQ for use with over braided nylon conduit

Approvals & certifications		Conformity Conforms to:	
	IEC EN 60079-0, 60079-7, 60079-31		
	ATEX: Baseefa 08 ATEX 0003X		
	IECEX: IECEX BAS08.0001X		
	EAC Ex: RU C-GB AA87.00198		
	INMETRO: UL-BR 15.04.76X		
	CNEX: CNX 15.1693X		
		Ex II 2 GD	
		Ex e IIC Gb	
		Ex tb IIIC Db	

	Cable Gland Dimensions (mm)									
	Part no.	Thread Size A	Nominal Conduit Size B (mm)	C	D	E	L	H	CH1	CH2
	EXBQM0303	M16	16.0	11.4	27.4	25.9	16.0	33.3	25.4	24.0
	EXBQM0304	M20	16.0	11.4	25.9	27.4	20.0	32.5	24.0	25.4
	EXBQM0404	M20	21.0	15.8	30.2	30.2	20.0	31.5	28.0	28.0
	EXBQM0505	M25	28.0	19.0	41.0	41.0	20.2	38.3	38.0	38.0
	EXBQM0606	M32	34.0	26.4	45.4	48.1	24.2	40.0	42.0	44.5
	EXBQM0707	M40	42.0	32.9	58.3	61.6	25.8	49.5	54.0	57.0
	EXBQM0808	M50	54.0	40.7	75.6	75.6	26.1	48.0	70.0	70.0
	EXBQA0304	1/2" NPT	16.0	11.4	33.2	26.6	20.0	44.5	30.0	24.0
	EXBQA0404	1/2" NPT	21.0	15.8	38.8	31.0	20.0	45.0	35.0	28.0
	EXBQA0505	3/4" NPT	28.0	19.0	49.3	42.1	20.2	54.0	44.5	38.0
	EXBQA0606	1" NPT	34.0	26.4	55.4	46.5	24.2	57.5	50.0	42.0
	EXBQA0707	1 1/4" NPT	42.0	32.9	77.6	59.8	25.8	70.0	70.0	54.0
	EXBQA0808	1 1/2" NPT	54.0	40.7	93.1	77.6	26.1	70.0	84.0	70.0

Non-metallic nylon conduit system

Nylon fittings for XESX conduit

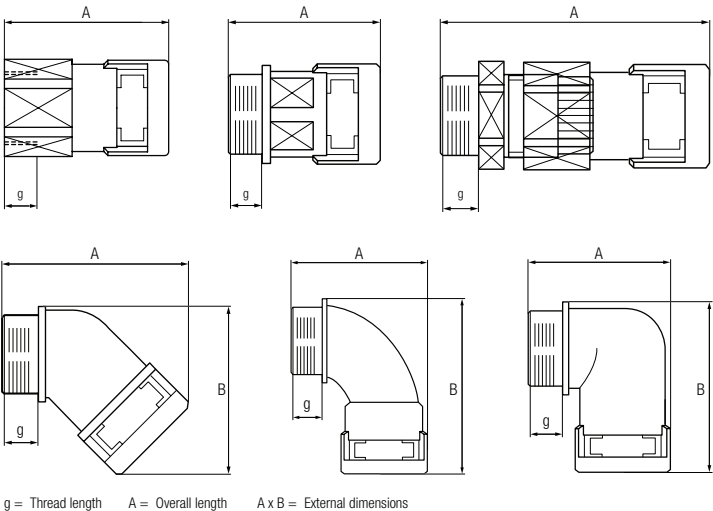


- Features and benefits:**
- For applications with high mechanical loads in explosion endangered areas classified as zones 1/2 and 21/22 (acc. to ATEX 137)
 - For use at low temperatures
 - Free from halogens, REACH + ROHS compliant
 - No corrosion
 - Excellent flexibility and high compression strength
 - Multilayer material combination for improved product performance
 - Vibration resistance

Approvals & certifications



Conformity	
Conforms to:	
EC Type examination certificate to: ATEX: SEV15ATEX0121 X	
IECEX: IECEX BAS08.0001X/SEV 15.0009X	
Ex eb IIC Gb	
Ex tb IIIC Db	
Safe operating temperature range	
NW 10-12/12-16mm -5°C to +85°C	
NW 17-48/21-54mm -20°C to + 85°C	
IP test	
IP68	



Non-metallic nylon conduit system

Nylon fittings for XESX conduit

Type NENV Straight male fitting

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Thread Length (mm)	Overall Length (mm)
			NW	Metric		
	NENV0202	M12x1.5	10	12	10.0	40.0
	NENV0203	M16x1.5	10	12	10.0	40.0
	NENV0303	M16x1.5	12	16	10.0	43.0
	NENV0304	M20x1.5	12	16	10.0	43.0
	NENV0404	M20x1.5	17	20	10.0	51.0
	NENV0405	M25x1.5	17	20	11.0	51.0
	NENV0505	M25x1.5	23	25	11.0	52.0
	NENV0506	M32x1.5	23	25	13.0	54.0
	NENV0606	M32x1.5	29	32	13.0	56.0
	NENV0607	M40x1.5	29	32	13.0	57.3
	NENV0707	M40x1.5	36	40	13.0	71.4
	NENV0708	M50x1.5	36	40	14.0	72.4
	NENV0808	M50x1.5	48	50	14.0	72.4
	NENV0809	M63x1.5	48	50	14.0	72.4

Type NEIR Straight female fitting

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Thread Length (mm)	Overall Length (mm)
			NW	Metric		
	NEIR0303	M16x1.5	12	16	9.0	41.0
	NEIR0404	M20x1.5	17	20	10.0	50.0
	NEIR0505	M25x1.5	23	25	10.0	56.0
	NEIR0606	M32x1.5	29	32	11.0	55.5
	NEIR0707	M40x1.5	36	40	13.0	71.0
	NEIR0808	M50x1.5	48	50	15.0	73.0

Non-metallic nylon conduit system

Nylon fittings for XESX conduit

Type NENZ Straight male fitting with strain relief

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Terminal Range	Thread Length (mm)	Overall Length (mm)
			NW	Metric			
	NENZ0202S/P1	M16x1.5	10	12	4.0 – 6.5	5.0	48.5
	NENZ0203S/P1	M16x1.5	10	12	4.0 – 6.5	6.0	49.5
	NENZ0203S/P2	M16x1.5	10	12	5.0 – 8.0	6.0	49.5
	NENZ0203S/P3	M16x1.5	10	12	6.5 – 9.5	6.0	49.5
	NENZ0304S/P1	M20x1.5	12	16	4.0 – 6.5	6.5	54.0
	NENZ0304S/P3	M20x1.5	12	16	6.5 – 9.5	6.5	54.0
	NENZ0304S/P4	M20x1.5	12	16	7.0 – 10.5	6.5	54.0
	NENZ0404S/P3	M20x1.5	17	20	6.5 – 9.5	6.5	60.0
	NENZ0404S/P4	M20x1.5	17	20	7.0 – 10.5	6.5	60.0
	NENZ0404S/P5	M20x1.5	17	20	9.0 – 13.0	6.5	60.0
	NENZ0405S/P5	M25x1.5	17	20	9.0 – 13.0	7.5	61.5
	NENZ0405S/P6	M25x1.5	17	20	11.5 – 15.5	7.5	61.5
	NENZ0505S/P6	M25x1.5	23	25	11.5 – 15.5	7.5	72.5
	NENZ0606S/P3	M32x1.5	29	32	17.0 – 20.5	8.0	73.0
	NENZ0606S/P4	M32x1.5	29	32	20.0 – 25.0	8.0	73.0
	NENZ0607S/P5	M40x1.5	29	32	24.0 – 28.0	8.0	73.0
	NENZ0707S/P1	M40x1.5	36	40	20.0 – 25.0	9.0	87.0
	NENZ0707S/P2	M40x1.5	36	40	24.0 – 28.0	9.0	87.0
	NENZ0708S/P3	M50x1.5	36	40	32.0 – 36.0	10.0	89.5
	NENZ0808S/P2	M50x1.5	48	50	32.0 – 36.0	10.0	92.0
	NENZ0808S/P3	M50x1.5	48	50	36.0 – 40.0	10.0	92.0

*Other clamping ranges and multiple hole sealing inserts available on request.

Type NEAV 45° Elbow fitting

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Thread Length (mm)	External Dimensions (mm)
			NW	Metric		
	NEAV0303	M16x1.5	12	16	10.0	53.0 x 40.5
	NEAV0404	M20x1.5	17	20	10.0	60.5 x 51.5
	NEAV0505	M25x1.5	23	25	11.0	70.0 x 60.5
	NEAV0606	M32x1.5	29	32	13.0	77.0 x 68.0
	NEAV0707	M40x1.5	36	40	13.0	94.0 x 87.5
	NEAV0808	M50x1.5	48	50	14.0	102.0 x 101.0
	NEAV0809	M63x1.5	48	50	14.0	102.0 x 104.0

Non-metallic nylon conduit system

Nylon fittings for XESX conduit

Type NEBV 90° Curved elbow fitting

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Thread Length (mm)	External Dimensions (mm)
			NW	Metric		
	NEBV0404	M20x1.5	17	20	10.0	51.0 x 73.0
	NEBV0505	M25x1.5	23	25	11.0	62.5 x 85.0
	NEBV0606	M32x1.5	29	32	13.0	74.0 x 94.5
	NEBV0707	M40x1.5	36	40	13.0	86.5 x 123.0
	NEBV0808	M50x1.5	48	50	14.0	100.5 x 135.0
	NEBV0809	M63x1.5	48	50	14.0	100.5 x 138.0

Type NEWV 90° elbow fitting

Material: Anti-static Nylon 12 with nickel plated brass thread

	Part no.	Metric Thread Size (mm)	Fits to Conduit Size (mm)		Thread Length (mm)	External Dimensions (mm)
			NW	Metric		
	NEWV0303	M16x1.5	12	16	10.0	42.0 x 46.5

Type BENRRE Corrugated conduit to rigid metal pipe connection

Material: Anti-static Nylon 12, stainless steel jubilee clip

	Part no.	Fits to Conduit Size (mm)		Steel Tube Metric (mm)	Inside Diameter (mm)	Overall Length (mm)
		NW	Metric			
	BENRRE030324	12	16	M16	16.0	54.0
	BENRRE040428	17	20	M20	20.0	65.0
	BENRRE050532	23	25	M25	25.0	71.0
	BENRRE060644	29	32	M32	32.0	71.0
	BENRRE070750	36	40	M40	40.0	90.0
	BENRRE080865	48	50	M50	50.0	90.0

Non-metallic nylon conduit system

Nylon fittings for XESX conduit

Type BESGR Splice connector

Material: Anti-static Nylon 12

	Part no.	Fits to Conduit Size (mm)		Inside Diameter (mm)	Overall Length (mm)
		NW	Metric		
	BESGR0303	12	16	23.5	66.0
	BESGR0404	17	20	29.5	87.0
	BESGR0505	23	25	37.0	103.0
	BESGR0606	29	32	44.0	100.0
	BESGR0707	36	40	53.5	130.0
	BESGR0808	48	50	66.0	133.0

Type BEYR 'Y' Piece

Material: Anti-static Nylon 12

	Part no.	1 x Conduit Size (mm)		2 x Conduit Size (mm)	
		NW	Metric	NW	Metric
	BEYR030202	12	16	10	12
	BEYR040303	17	20	12	16
	BEYR050404	23	25	17	20
	BEYR060505	29	32	23	25
	BEYR070606	36	40	29	32
	BEYR080707	48	50	36	40

*Sizes can be adapted with EAVR conduit adapters to fit smaller conduit dimensions.

Type BETR 'T' Piece

Material: Anti-static Nylon 12

	Part no.	2 x Conduit Size (mm)	
		NW	Metric
	BETR020202	10	12
	BETR030303	12	16
	BETR040404	17	20
	BETR050505	23	25
	BETR060606	29	32
	BETR070707	36	40
	BETR080808	48	50

*Sizes can be adapted with EAVR conduit adapters to fit smaller conduit dimensions.

Non-metallic nylon conduit system

Nylon fittings for XESX conduit

Type BESGR Conduit adapter

Material: Anti-static Nylon 12

	Part no.	Fits into Fitting for Conduit Size (mm)		Fits to Conduit Size (mm)		Overall Length (mm)
		NW	Metric	NW	Metric	
	BEAVR03/02	12	16	10	12	46.0
	BEAVR04/03	17	20	12	16	54.0
	BEAVR05/04	23	25	17	20	62.0
	BEAVR06/05	29	32	23	25	64.0
	BEAVR07/06	36	40	29	32	81.0
	BEAVR08/07	48	50	36	40	88.5

Type BEH Conduit clip

Material: Anti-static Nylon 12

	Part no.	Fits to Conduit Size (mm)		Width x Height x Depth (mm)	Fixing Screw
		NW	Metric		
	BEH02	10	12	20.5 x 24.5 x 20.0	1 x M5
	BEH03	12	16	24.0 x 27.0 x 20.0	1 x M5
	BEH04	17	20	30.0 x 34.0 x 20.0	1 x M6
	BEH05	23	25	38.5 x 42.0 x 20.0	1 x M6
	BEH06	29	32	45.5 x 48.0 x 20.0	1 x M6
	BEH07	36	40	55.5 x 56.0 x 20.0	1 x M6
	BEH08	48	50	67.5 x 68.0 x 20.0	1 x M6

Flexible Liquid tight conduit systems for hazardous areas

Conduit fittings - Selection guide

— Selection guide



	Liquid tight conduit											
Type	EXLB	EXSB	EXLT	EXST	EXLH	EXSH	EXLLH	EXSLH	EXBBT	EXLUB	EXLHC	EXSHC
Approvals												
ATEX	•	•	•	•	•	•	•	•	•	•	•	•
IEC / IECEx	•	•	•	•	•	•	•	•	•	•	•	•
CSA	—	—	—	—	—	—	—	—	—	—	—	—
UL	—	—	—	—	—	—	—	—	—	—	—	—
EAC Ex	—	—	—	—	—	—	—	—	—	—	—	—
INMETRO	—	—	—	—	—	—	—	—	—	—	—	—
CNEX	—	—	—	—	—	—	—	—	—	—	—	—
Protection Type												
Ex e	—	—	—	—	—	—	—	—	—	—	—	—
Ex d	—	—	—	—	—	—	—	—	—	—	—	—
Ex de	—	—	—	—	—	—	—	—	—	—	—	—
Ex tb	•	•	•	•	—	—	—	—	—	•	—	—
Class / Division												
Class I / Div 1	—	—	—	—	—	—	—	—	—	—	—	—
Class I / Div 2	—	—	—	—	—	—	—	—	—	—	—	—
Class II / Div 1	—	—	—	—	—	—	—	—	—	—	—	—
Class II / Div 2	—	—	—	—	—	—	—	—	—	—	—	—
Page No.	38	38	39	39	40	40	41	41	42	42	43	43



Liquid tight conduit fittings & glands						
G1 straight	G1 90° elbow	Universal	EXQ	EXS 90° elbow	EXR 45° elbow	XP Flex™ range
•	•	•	•	•	•	—
•	•	•	•	•	•	—
•	•	•	•	•	•	•
—	—	—	—	—	—	•
•	•	•	•	•	•	—
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—	—	•	—	—	—	—
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—	—	•	—	—	—	—
•	•	—	—	—	—	—
44	46	47	48	49	50	51

Liquid tight conduit

EXLB & EXSB Series

EXLB Series – General oil resistant liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a general purpose oil resistant coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLB03*	16	3/8	12.5	10/30
	EXLB04*	20	1/2	16.0	10/30
	EXLB05*	25	3/4	21.0	10/30
	EXLB06*	32	1	26.4	10/20
	EXLB07*	40	1 1/4	35.3	10/20
	EXLB08*	50	1 1/2	40.4	10/20
	EXLB09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXLB0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

ATEX: Baseefa 15 ATEX 0175X

IECEX: IECEX BAS15.0130X

Ex II 2 GD

Ex eb IIC Gb

Ex tb IIIC Db

Temperature range

Static temp: -25°C to +105°C

Flexing temp: -5°C to +105°C

Certified temp: -20°C to +70°C

Flame propagation

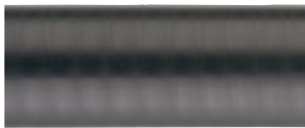
Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame retardant PVC covering

EXSB Series – General oil resistant liquid tight conduit - Stainless steel core

Materials: Stainless steel 316 core with a general purpose oil resistant coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXSB03*	16	3/8	12.5	10/30
	EXSB04*	20	1/2	16.0	10/30
	EXSB05*	25	3/4	21.0	10/30
	EXSB06*	32	1	26.4	10/20
	EXSB07*	40	1 1/4	35.3	10/20
	EXSB08*	50	1 1/2	40.4	10/20
	EXSB09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXSB0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

ATEX: Baseefa 15 ATEX 0175X

IECEX: IECEX BAS15.0130X

Ex II 2 GD

Ex eb IIC Gb

Ex tb IIIC Db

Temperature range

Static temp: -25°C to +105°C

Flexing temp: -5°C to +105°C

Certified temp: -20°C to +70°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame retardant PVC covering

Liquid tight conduit

EXLT & EXST Series

EXLT Series – Low fire hazard liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a LFH coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLT03*	16	3/8	12.5	10/30
	EXLT04*	20	1/2	16.0	10/30
	EXLT05*	25	3/4	21.0	10/30
	EXLT06*	32	1	26.4	10/20
	EXLT07*	40	1 1/4	35.3	10/20
	EXLT08*	50	1 1/2	40.4	10/20
	EXLT09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXLT0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

LUL fully compliant (E1042A6)

MOD to NES 518: Issue 3 DEF STAN
61-12 (Part 31) Issue 1

ATEX: Baseefa 15 ATEX 0175X

IECEX: IECEX BAS15.0130X

Ex II 2 GD

Ex eb IIC Gb

Ex tb IIIC Db

Temperature range

Static temp: -25°C to +90°C

Flexing temp: -5°C to +90°C

Certified temp: -20°C to +70°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Limited fire hazard, zero halogen (BS6425 Pt 1)

EXST Series – Low fire hazard liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a LFH coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXST03*	16	3/8	12.5	10/30
	EXST04*	20	1/2	16.0	10/30
	EXST05*	25	3/4	21.0	10/30
	EXST06*	32	1	26.4	10/20
	EXST07*	40	1 1/4	35.3	10/20
	EXST08*	50	1 1/2	40.4	10/20
	EXST09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXST0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

LUL fully compliant (E1042A6)

MOD to NES 518: Issue 3 DEF STAN
61-12 (Part 31) Issue 1

ATEX: Baseefa 15 ATEX 0175X

IECEX: IECEX BAS15.0130X

Ex II 2 GD

Ex eb IIC Gb

Ex tb IIIC Db

Temperature range

Static temp: -25°C to +90°C

Flexing temp: -5°C to +90°C

Certified temp: -20°C to +70°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Limited fire hazard, zero halogen (BS6425 Pt 1)

Liquid tight conduit

EXLH & EXSH Series

EXLH Series – High temperature liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a high temperature resistant coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLH03*	16	3/8	12.5	10/30
	EXLH04*	20	1/2	16.0	10/30
	EXLH05*	25	3/4	21.0	10/30
	EXLH06*	32	1	26.4	10/20
	EXLH07*	40	1 1/4	35.3	10/20
	EXLH08*	50	1 1/2	40.4	10/20
	EXLH09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXLH0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

Temperature range

Static temp: -50°C to +130°C

Flexing temp: -5°C to +90°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame resistance: UL94 V2

Chemical and oil resistant

EXSH Series – High temperature liquid tight conduit - Stainless steel core

Materials: Stainless steel 316 core with a high temperature resistant coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXSH03*	16	3/8	12.5	10/30
	EXSH04*	20	1/2	16.0	10/30
	EXSH05*	25	3/4	21.0	10/30
	EXSH06*	32	1	26.4	10/20
	EXSH07*	40	1 1/4	35.3	10/20
	EXSH08*	50	1 1/2	40.4	10/20
	EXSH09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXSH0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

Temperature range

Static temp: -50°C to +130°C

Flexing temp: -5°C to +90°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame resistance: UL94 V2

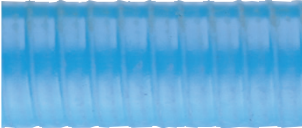
Chemical and oil resistant

Liquid tight conduit

EXLLH & EXSLH Series

EXLLH Series – High temperature liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a high temperature resistant coating / **Colour:** Blue

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLLH03*	16	3/8	12.5	10/30
	EXLLH04*	20	1/2	16.0	10/30
	EXLLH05*	25	3/4	21.0	10/30
	EXLLH06*	32	1	26.4	10/20
	EXLLH07*	40	1 1/4	35.3	10/20
	EXLLH08*	50	1 1/2	40.4	10/20
	EXLLH09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXLLH0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

Temperature range

Static temp: -50°C to +130°C

Flexing temp: -5°C to +90°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

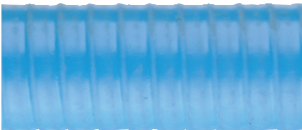
Special characteristics

Flame resistance: UL94 V2

Chemical and oil resistant

EXSLH Series – High temperature liquid tight conduit - Stainless steel core

Materials: Stainless steel 316 core with a high temperature resistant coating / **Colour:** Blue

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXSLH03*	16	3/8	12.5	10/30
	EXSLH04*	20	1/2	16.0	10/30
	EXSLH05*	25	3/4	21.0	10/30
	EXSLH06*	32	1	26.4	10/20
	EXSLH07*	40	1 1/4	35.3	10/20
	EXSLH08*	50	1 1/2	40.4	10/20
	EXSLH09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXSLH0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

Temperature range

Static temp: -50°C to +130°C

Flexing temp: -5°C to +90°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame resistance: UL94 V2

Chemical and oil resistant

Liquid tight conduit

EXBBT & EXSBBT Series

EXBBT Series – Low fire hazard with EMC protection liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a galvanised steel EMC shield and LFH covering / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXBBT03*	16	3/8	12.5	10/30
	EXBBT04*	20	1/2	16.0	10/30
	EXBBT05*	25	3/4	21.0	10/30
	EXBBT06*	32	1	26.4	10/20
	EXBBT07*	40	1 1/4	35.3	10/20
	EXBBT08*	50	1 1/2	40.4	10/20

* Add coil length to complete part number, e.g. 10 metres = EXBBT0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386
MOD to NES 518: Issue 3 DEF STAN
61-12 (Part 31) Issue 1

Temperature range

Static temp: -50°C to +90°C

Flexing temp: -5°C to +90°C

Special characteristics

Limited Fire Hazard covering

EMC Screening level: 60db at 1MHz Braided

EXLUB Series – General oil resistant liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a general purpose oil resistant coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLUB03*	16	3/8	12.5	10/30
	EXLUB04*	20	1/2	16.0	10/30
	EXLUB05*	25	3/4	21.0	10/30
	EXLUB06*	32	1	26.4	10/20
	EXLUB07*	40	1 1/4	35.3	10/20
	EXLUB08*	50	1 1/2	40.4	10/20
	EXLUB09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXSH0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

ATEX: Baseefa 15 ATEX 0175X

IECEX: IECEX UL-E76358

Ex II 2 GD

Ex eb IIC Gb

tb IIIC Db

Temperature range

Static temp: -25°C to +105°C

Flexing temp: -5°C to +105°C

Certified temp: -20°C to +70°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

Flame retardant PVC covering

Liquid tight conduit

EXLHC & EXSHC Series

EXLHC Series – High temperature, highly flexible liquid tight conduit - Galvanised steel core

Materials: Galvanised steel core with a high temperature, highly flexible coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXLHC03*	16	3/8	12.5	10/30
	EXLHC04*	20	1/2	16.0	10/30
	EXLHC05*	25	3/4	21.0	10/30
	EXLHC06*	32	1	26.4	10/20
	EXLHC07*	40	1 1/4	35.3	10/20
	EXLHC08*	50	1 1/2	40.4	10/20
	EXLHC09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXLHC0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

ATEX / IECEx: RU-135398

Temperature range

Static temp: -65°C to +150°C

Flexing temp: -45°C to +135°C

Certified temp: -35°C to +105°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

High flexibility

High temperature

EXSHC Series – High temperature, highly flexible liquid tight conduit - Stainless steel core

Materials: Stainless steel core with a high temperature, highly flexible coating / **Colour:** Black

	Part no.	Conduit Size Metric (mm)	US Trade Size (in.)	Inside diameter (mm)	Coil lengths (m)
	EXSHC03*	16	3/8	12.5	10/30
	EXSHC04*	20	1/2	16.0	10/30
	EXSHC05*	25	3/4	21.0	10/30
	EXSHC06*	32	1	26.4	10/20
	EXSHC07*	40	1 1/4	35.3	10/20
	EXSHC08*	50	1 1/2	40.4	10/20
	EXSHC09*	63	2	51.6	10/20

* Add coil length to complete part number, e.g. 10 metres = EXSHC0510

Approvals & certifications



Conformity

Conforms to:

Certification standard: IEC 61386

ATEX / IECEx: RU-135398

Temperature range

Static temp: -65°C to +150°C

Flexing temp: -45°C to +135°C

Certified temp: -35°C to +105°C

Flame propagation

Flame dies in less than 30 seconds after ignition source is removed

Special characteristics

High flexibility

High temperature

Liquid tight hazardous area flameproof glands

G1 Series – Conduit fitting



Features and benefits:

- Constructed from either brass or stainless steel with an epoxy resin barrier the Group I flameproof gland is a high specification product, ideal for all hazardous area applications

HAM G1 conduit fitting – Liquid tight hazardous area flameproof gland

Approvals & certifications



Conformity Conforms to:

IEC EN 60079-0, 60079-1, 60079-7,
ATEX: Sira 09 ATEX 1231X
IECEX: IECEX SIR09.0103X
CSA: CSA File No: 060582
INMETRO: UL-BR 15.0330X
CNEX: CNEX 15.1648X
EAC Ex: RU C-GB.AA87.00198
Ex I M2/II 2 GD
Ex de I Mb
Ex de IIC Gb
Ex tb IIC Db
Class I Div 2 ABCD
Class II Div 1 EFG

Temperature range

–60°C to +130°C

IP Rating

IP66

Material

Nickel plated brass, Brass or
Stainless steel 316

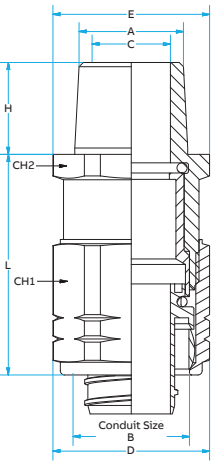
Dimensions - Metric thread

	Part no. Nickel plated brass	Metric Thread Size A (mm)	Conduit Size B (mm)	Cable Gland Dimensions (mm)						
				C	D	E	L	H	CH1	CH2
	HAMM0304G1	M16	16.0	10.0	34.0	31.0	15.0	50.0	32.0	28.6
	HAMM0404G1	M20	20.0	12.5	34.0	31.0	15.0	50.0	32.0	28.6
	HAMM0505G1	M25	25.0	18.4	37.0	37.0	15.0	50.0	34.0 (34.9 in SS)	34.0
	HAMM0606G1	M32	32.0	24.7	45.0	45.0	15.0	50.0	42.0 (42.5 in SS)	42.0
	HAMM0707G1	M40	40.0	29.7	57.0	54.0	15.0	57.0	52.0	50.0
	HAMM0808G1	M50	50.0	41.7	64.0	64.0	15.0	58.0	60.0	60.0
	HAMM0909G1	M63	63.0	51.7	78.0	76.2	15.0	70.6	69.7	70.0

*For Brass version, remove last M from the reference, e.g. HAM0304G1 for Metric / HAA0304G1 for NPTplete part number, e.g. 10 metres = EXBBT0510

** For Stainless Steel version, replace last M from the reference with an S, e.g. HAMS0304G1 for Metric / HAAS0304G1 for NPT

Dimensions - NPT thread

	Part no. Nickel plated brass	NPT Thread Size A (in.)	Conduit Size B (mm)	Cable Gland Dimensions (mm)						
				C	D	E	L	H	CH1	CH2
	HAAM0304G1	1/2	16.0	10.0	34.0	31.0	20.2	50.0	32.0	28.6
	HAAM0404G1	1/2	20.0	12.5	34.0	31.0	20.2	50.0	32.0	28.6
	HAAM0505G1	3/4	25.0	18.4	37.0	37.0	20.2	50.0	34.0 (34.9 in SS)	34.0
	HAAM0606G1	1	32.0	24.7	45.0	45.0	25.0	50.0	42.0 (42.5 in SS)	42.0
	HAAM0707G1	1 1/4	40.0	29.7	57.0	54.0	25.6	57.0	52.0	50.0
	HAAM0808G1	1 1/2	50.0	41.7	64.0	64.0	26.0	58.0	60.0	60.0
	HAAM0909G1	2	63.0	51.7	78.0	76.2	27.0	70.6	69.7	70.0

*For Brass version, remove last M from the reference, e.g. HAM0304G1 for Metric / HAA0304G1 for NPT. Complete part number, e.g. 10 metres = EXBBT0510

** For Stainless Steel version, replace last M from the reference with an S, e.g. HAMS0304G1 for Metric / HAAS0304G1 for NPT

Sealing compounds

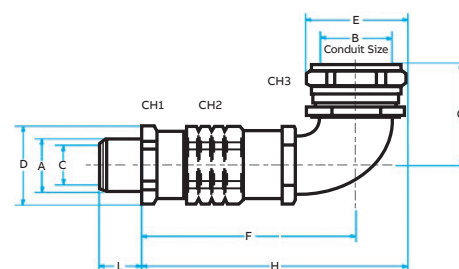
Part No.	Description	Volume (cm ³)
SC4-KIT-1*	Liquid type sealing compound (includes pouch of sealing compound with customizable nozzle and damming fiber)	50
SC65**	Putty type sealing compound (cut-to-length stick)	34

*Use SC4-KIT-1 liquid compound for shielded cables and all power cables with less than 4 conductors (including ground)

** We do not recommend SC65 for use with shielded cables. Suitable for use on cables with a maximum of four conductors (including ground)

Liquid tight hazardous area flameproof glands

G1 Series – 90° elbow conduit fitting



HAM G1 90° Elbow conduit fitting – Metric thread dimensions

Materials: Nickel plated brass or stainless steel 316

Part no. Nickel plated brass	Metric Thread Size A (mm)	Conduit Size B (mm)	Cable Gland Dimensions (mm)									
			C	D	E	F	G	H	L	CH1	CH2	CH3
HAMM0304E	M16	16.0	10.0	31.7	35.5	94.0	35.0	90.0	15.0	28.6	32.0	32.0
HAMM0404E	M20	21.0	12.5	31.7	35.5	95.0	335.0	90.0	15.0	28.6	32.0	32.0
HAMM0505E	M25	28.0	18.4	37.7	38.7	101.0	36.0	104.0	15.0	34.0	34.0 (34.9 in SS)	34.0 (34.9 in SS)
HAMM0606E	M32	34.0	24.7	46.5	46.5	109.0	40.0	114.0	15.0	42.0	42.0 (42.5 in SS)	42.0 (42.5 in SS)
HAMM0707E	M40	42.0	29.7	55.4	57.6	115.0	48.0	180.0	15.0	50.0	52.0	52.0
HAMM0808E	M50	54.0	41.7	66.5	66.5	123.0	56.0	146.0	15.0	60.0	69.7	60.0

*For Brass version, remove last M from the reference, e.g. HAMM0304E for Metric / HAA0304E for NP

** For Stainless Steel version, replace last M from the reference with an S, e.g. HAMS0304E for Metric / HAAS0304E for NPT

HAA G1 90° Elbow conduit fitting – NPT thread dimensions

Materials: Nickel plated brass or stainless steel 316

Part no. Nickel plated brass	NPT Thread Size A (mm)	Conduit Size B (mm)	Cable Gland Dimensions (mm)									
			C	D	E	F	G	H	L	CH1	CH2	CH3
HAAM0304E	1/2	16.0	10.0	31.7	35.5	98.0	35.0	90.0	20.2	28.6	32.0	32.0
HAAM0404E	1/2	21.0	12.5	31.7	35.5	98.0	335.0	90.0	20.2	28.6	32.0	32.0
HAAM0505E	3/4	28.0	18.4	37.7	38.7	103.4	36.0	104.0	20.2	34.0	34.0 (34.9 in SS)	34.0 (34.9 in SS)
HAAM0606E	1	34.0	24.7	46.5	46.5	103.4	40.0	114.0	25.0	42.0	42.0 (42.5 in SS)	42.0 (42.5 in SS)
HAAM0707E	1 1/4	42.0	29.7	55.4	57.6	120.0	48.0	180.0	25.6	50.0	52.0	52.0
HAAM0808E	1 1/2	54.0	41.7	66.5	66.5	123.0	56.0	146.0	26.0	60.0	69.7	60.0

*For Brass version, remove last M from the reference, e.g. HAMM0304E for Metric / HAA0304E for NP

** For Stainless Steel version, replace last M from the reference with an S, e.g. HAMS0304E for Metric / HAAS0304E for NPT

Sealing compounds

Part No.	Description	Volume (cm ³)
SC4-KIT-1*	Liquid type sealing compound (includes pouch of sealing compound with customizable nozzle and damming fiber)	50
SC65**	Putty type sealing compound (cut-to-length stick)	34

*Use SC4-KIT-1 liquid compound for shielded cables and all power cables with less than 4 conductors (including ground)

** We do not recommend SC65 for use with shielded cables. Suitable for use on cables with a maximum of four conductors (including ground)

Liquid tight hazardous area flameproof glands

Universal fitting



Features and benefits:

- Constructed from either brass, nickel plated or stainless steel with an epoxy resin barrier
- The Group I universal flameproof gland is a high specification product, ideal for all hazardous area applications

HAM G1 conduit fitting – Liquid tight hazardous area flameproof gland

Approvals & certifications



Conformity

IEC EN 60079-0, 60079-1, 60079-7,
60079-31

ATEX: Sira 09 ATEX 1231X

IECEX: IECEX SIR09.0103X

CSA: CSA File No: 060582

Ex de I Mb

Ex de IIC Gb

Ex tb IIIC Db

Class I Div 1 BCD (Rigid conduit only)

Class I Div 2 ABCD

Class II Div 1 ABCD

Temperature range

–60°C to +130°C

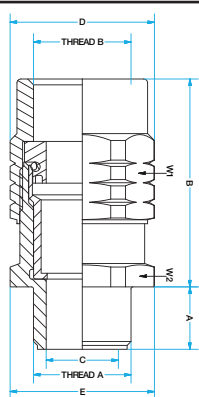
IP Rating

IP66

Material

Nickel plated brass, Brass or
Stainless steel

Product code	Part no.	Male Thread Size Metric (mm)	Female Thread Size Metric (mm)
Nickel Plated			
	HAMM0304U	20	16
	HAMM0404U	20	20
	HAMM0505U	25	25
	HAMM0606U	32	32
	HAMM0707U	40	40
	HAMM0808U	50	50
	HAMM0909U	63	63
Stainless Steel			
	HAMS0304U	20	16
	HAMS0404U	20	20
	HAMS0505U	25	25
	HAMS0606U	32	32
	HAMS0707U	40	40
	HAMS0808U	50	50
	HAMS0909U	63	63

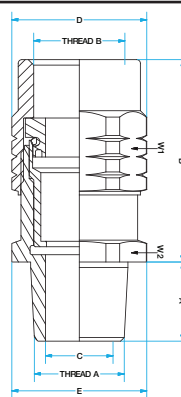


HAM 03 04 U

Thread A = M16 Thread B = M20

Note. For use with rigid conduit or other fittings

Product code	Part no.	Male Thread Size NPT (mm)	Female Thread Size NPT (mm)
Nickel Plated			
	HAAM0304U	1/2	3/8
	HAAM0404U	1/2	1/2
	HAAM0505U	3/4	3/4
	HAAM0606U	1	1
	HAAM0707U	1 1/4	1 1/4
	HAAM0808U	1 1/2	1 1/2
	HAAM0909U	2	2
Stainless Steel			
	HAAS0304U	1/2	3/8
	HAAS0404U	1/2	1/2
	HAAS0505U	3/4	3/4
	HAAS0606U	1	1
	HAAS0707U	1 1/4	1 1/4
	HAAS0808U	1 1/2	1 1/2
	HAAS0909U	2	2



HAA 03 04 U

Thread A = 3/8" Thread B = 1/2"

Note. For use with rigid conduit or other fittings

Sealing compounds

Part No.	Description	Volume (cm ³)
SC4-KIT-1*	Liquid type sealing compound (includes pouch of sealing compound with customizable nozzle and damming fiber)	50
SC65**	Putty type sealing compound (cut-to-length stick)	34

*Use SC4-KIT-1 liquid compound for shielded cables and all power cables with less than 4 conductors (including ground)

** We do not recommend SC65 for use with shielded cables. Suitable for use on cables with a maximum of four conductors (including ground)

Liquid tight hazardous area flameproof glands

EXQ Series – Straight conduit fitting



Features and benefits:

- Nickel plated brass
- Brass conduit seal
- Silicone O'ring thread seal
- Nylon anti-abrasion cable protector
- Ex eb Ex tb approved
- Suitable for use in zones 1, 2, 21 and 22

EXQ Series – Straight conduit fitting

Approvals & certifications		Conformity	Temperature range					
	IEC EN 60079-0, 60079-1, 60079-7, 60079-31, IEC 61386 Compliant		EX*HC -35°C to +105°C					
	For use with Ex LT Conduits		EX*T -20°C to +70°C					
	Baseefa 15 ATEX 0175X, IECEx BAS		EX*B -20°C to +70°C					
	RU E13598		EX*UB -20°C to +70°C					
		Ex II 2 GD	<table><tr><th>IP Rating</th><th>Material</th></tr><tr><td>IP66</td><td>Nickel plated brass, Brass or Stainless steel 316</td></tr></table>		IP Rating	Material	IP66	Nickel plated brass, Brass or Stainless steel 316
IP Rating	Material							
IP66	Nickel plated brass, Brass or Stainless steel 316							
		Ex eb IIC Gb						
		Ex tb IIIC Db						

Dimensions - Metric thread

Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXQM0303	16	3/8	M16x1.5	21.0	25.4
EXQM0304	16	3/8	M20x1.5	21.0	25.4
EXQM0404	20	1/2	M20x1.5	22.0	28.5
EXQM0505	25	3/4	M25x1.5	25.0	35.0
EXQM0606	32	1	M32x1.5	30.0	42.0
EXQM0707	40	1-1/4	M40x1.5	38.0	52.0
EXQM0808	50	1-1/2	M50x1.5	41.0	60.0
EXQM0909	63	2	M63x1.5	46.0	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Dimensions - NPT thread

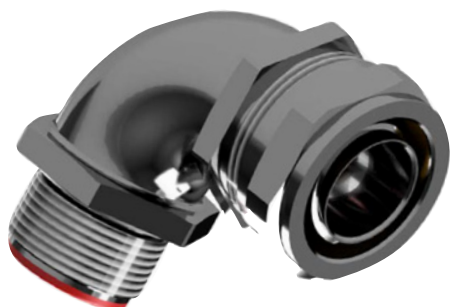
Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXQA0304	16	1/2	1/2	21.0	25.4
EXQA0404	20	1/2	1/2	22.0	28.5
EXQA0505	25	3/4	3/4	25.0	35.0
EXQA0606	32	1	1	30.0	42.0
EXQA0707	40	1-1/4	1-1/4	38.0	52.0
EXQA0808	50	1-1/2	1-1/2	41.0	60.0
EXQA0909	63	2	2	46.0	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Liquid tight hazardous area flameproof glands

EXS Series – 90° elbow fitting



Features and benefits:

- Nickel plated brass
- Brass conduit seal
- Silicone O'ring thread seal
- Nylon anti-abrasion cable protector
- Ex eb Ex tb approved
- Suitable for use in zones 1, 2, 21 and 22

EXS Series – 90° elbow conduit fitting

Approvals & certifications		Conformity	Temperature range	
		IEC EN 60079-0, 60079-7, 60079-31, IEC 61386 Compliant	EX*HC -35°C to +105°C	
		For use with Ex LT Conduits	EX*T -20°C to +70°C	
		Baseefa 15 ATEX 0175X, IECEx BAS 15.0130X	EX*B -20°C to +70°C	
		RU E13598	EX*UB -20°C to +70°C	
		Ex II 2 GD	IP Rating	
		Ex eb IIC Gb	IP66	
		Ex tb IIIC Db		
			Material	
			Nickel plated brass, Brass or Stainless steel 316	

Dimensions - Metric thread

Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXSM0303	16	3/8	M16x1.5	48.0	25.4
EXSM0304	16	3/8	M20x1.5	48.0	25.4
EXSM0404	20	1/2	M20x1.5	53.7	28.5
EXSM0505	25	3/4	M25x1.5	63.7	35.0
EXSM0606	32	1	M32x1.5	74.4	42.0
EXSM0707	40	1-1/4	M40x1.5	88.4	52.0
EXSM0808	50	1-1/2	M50x1.5	99.8	60.0
EXSM0909	63	2	M63x1.5	120.9	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Dimensions - NPT thread

Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXSA0304	16	1/2	1/2	21.0	25.4
EXSA0404	20	1/2	1/2	22.0	28.5
EXSA0505	25	3/4	3/4	25.0	35.0
EXSA0606	32	1	1	30.0	42.0
EXSA0707	40	1-1/4	1-1/4	38.0	52.0
EXSA0808	50	1-1/2	1-1/2	41.0	60.0
EXSA0909	63	2	2	46.0	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Liquid tight hazardous area flameproof glands

EXR Series – 45° Elbow conduit fitting



Features and benefits:

- Nickel plated brass
- Brass conduit seal
- Silicone O'ring thread seal
- Nylon anti-abrasion cable protector
- Ex eb Ex tb approved
- Suitable for use in zones 1, 2, 21 and 22

EXR Series – 45° elbow conduit fitting

Approvals & certifications		Conformity	Temperature range	
     		IEC EN 60079-0, 60079-7, 60079-31, IEC 61386 Compliant	EX*HC -35°C to +105°C	
		For use with Ex LT Conduits	EX*T -20°C to +70°C	
		Baseefa 15 ATEX 0175X, IECEx BAS 15.0130X	EX*B -20°C to +70°C	
		RU E13598	EX*UB -20°C to +70°C	
			IP Rating	Material
		Ex II 2 GD	IP66	Nickel plated brass, Brass or Stainless steel 316
		Ex eb IIC Gb		
		Ex tb IIIC Db		

Dimensions - Metric thread

Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXRM0303	16	3/8	M16x1.5	54.0	25.4
EXRM0304	16	3/8	M20x1.5	55.0	25.4
EXRM0404	20	1/2	M20x1.5	58.0	28.5
EXRM0505	25	3/4	M25x1.5	65.6	35.0
EXRM0606	32	1	M32x1.5	75.0	42.0
EXRM0707	40	1-1/4	M40x1.5	93.8	52.0
EXRM0808	50	1-1/2	M50x1.5	106.5	60.0
EXRM0909	63	2	M63x1.5	125.0	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Dimensions - NPT thread

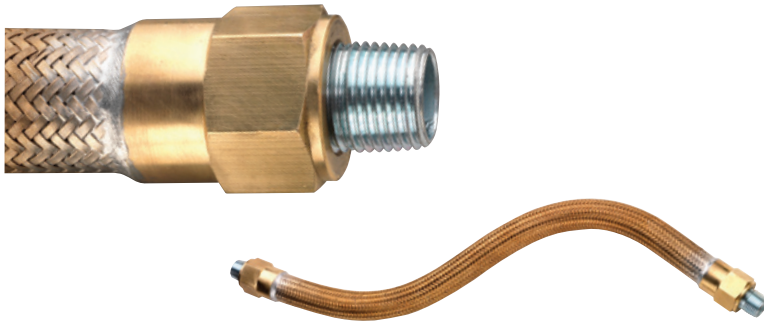
Part no.	Conduit Size		Thread Metric	Length (mm)	Across Flats (mm)
	Metric (mm)	US Trade (in.)			
EXRA0304	16	1/2	1/2	55.0	25.4
EXRA0404	20	1/2	1/2	58.0	28.5
EXRA0505	25	3/4	3/4	65.6	35.0
EXRA0606	32	1	1	85.0	42.0
EXRA0707	40	1-1/4	1-1/4	93.8	52.0
EXRA0808	50	1-1/2	1-1/2	106.5	60.0
EXRA0909	63	2	2	125.0	70.0

*Fittings also available in Stainless Steel

**Compatible with: EX*B, EX*T, EX*HC, EX*UB Conduits

Explosion-proof flexible couplings

XP Flex™ Series



Features and benefits:

- UL listed for use in hazardous and wet locations
- Corrosion-resistant – ideal for washdown areas
- Flexible bronze construction with arc-resistant inner sleeve and brass fittings
- Terminated with two threaded female end fittings and male close nipples
- No bonding jumper required

XP Flex™ Series

Approvals & certifications	Conformity	Material
	Conforms to:	Bronze construction with brass fittings
	0.5" and 0.75" hub sizes:	
	Class I Div 1 & 2 ABCD	
	Class II Div 1 EFG, Class III	
	1" hub size: Class I Div 1 & 2 CD	
	Class II Div 1 EFG, Class III	
	UL listed 886	

Dimensions - Metric thread

Part no.	NPT Thread Size (in.)	Flexible Length (mm)	Dimensions (mm)		Bend Radius
			A	B	
XPLFL16	1/2	150	39.1	36.6	
XPLFL18	1/2	200	39.1	36.6	
XPLFL110	1/2	250	39.1	36.6	
XPLFL112	1/2	300	39.1	36.6	
XPLFL115	1/2	380	39.1	36.6	
XPLFL118	1/2	460	39.1	36.6	
XPLFL124	1/2	610	39.1	36.6	
XPLFL212	3/4	300	40.6	47.5	
XPLFL215	3/4	380	40.6	47.5	
XPLFL218	3/4	460	40.6	47.5	
XPLFL224	3/4	610	40.6	47.5	
XPLFL236	3/4	915	40.6	47.5	
XPLFL318	1	460	50.08	58.7	

