

## ANACONDA ATEX FITTINGS

## RNA ATEX FITTINGS IP66 / IP68



### Anaconda IECEX-ATEX cable-hose-fitting type RNA & RAA, nickel plated brass.

The IECEX-ATEX approved fittings type RNA / RAA are developed to protect one unarmoured / armoured cable (single core or multicore) with a liquidtight flexible metal conduit in potentially explosive atmospheres (ATEX). They fit directly on every type of Anaconda Sealtite metal conduit. By using the right connection set also fit on non-covered conduit types like Anaconda Multiflex SL, SLI, UIG, UI and SLB. There is also on demand a barrier version for armoured cables, type BAA. For unarmoured cables, in case of barrier solution, we suggest to use the type BXA. They are frequently used in the chemical and petrochemical-industry, Oil & Gas, off-shore and food industry. Typical applications are connections on big motors, transformers, control equipment and terminal boxes. In case a 45° or 90° solution is needed it is possible to use the IECEX-ATEX Anaconda adapter type RNC in combination with straight, 45° or 90° Anaconda fittings.



#### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 7 parts (counter nut, clamping ring, ferrule, intermediate housing, pressure ring, sealing rubber and body).

Also available as barrier version with sealing resin.

**Material:** Counter nut, ferrule, intermediate housing, pressure ring and body are nickel plated brass, sealing rubber is from EPDM rubber, clamping ring is from PA6.



Also available in stainless steel AISI-316.

Fittings are fully RoHS compliant.

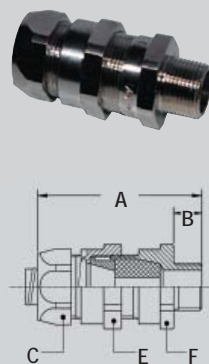
**Temperature:** -40 °C till +100 °C continuous. With silicone sealing rubber -70 °C till +220 °C continuous.

**Protection class:** IP67 on the conduit and standard IP66 between body and switchbox, with a flat seal between body and switchbox IP68.

**Colour:** Metal.

For unarmoured cables,  
IECEX-ATEX certified and marked;  RCN (type) (threadsize) CE 0080   
I M2 / II 2 GD / Ex d II C / Ex e II / Ex d I / Ex tD A 21 IP66 / IP68 INERIS 06ATEX0014X

RNA, ISO, IECEX-ATEX cable-hose-fitting, nickel plated brass, EPDM seal (-40 °C till +100 °C).



Thread	Sealtite Size (inch)	Clamping Range (mm)	Dimensions in mm						Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F				
M16 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.010.0	10,8	
M16 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.011.0	10,8	
M20 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.008.0	10,8	
M20 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.009.0	10,8	
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.012.0	17,8	
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.013.0	17,8	
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.014.0	17,8	
M25 x 1,5	3/4"	10,5 - 13	75	15	35	36	35	5	822.015.0	21,6	
M25 x 1,5	3/4"	13 - 15,5	75	15	35	36	35	5	822.018.0	21,6	
M25 x 1,5	3/4"	15,5 - 18	75	15	35	36	35	5	822.019.0	21,6	
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.023.0	38,0	
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.024.0	38,0	
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.025.0	38,0	
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.029.0	45,1	
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.030.0	45,1	
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.031.0	45,1	

## ANACONDA ATEX FITTINGS

## RNA AISI-316 ATEX FITTINGS IP66 / IP68



### Anaconda IECEX-ATEX cable-hose-fitting type RNA AISI-316 & RAA AISI-316, stainless steel.

The IECEX-ATEX approved fittings type RNA AISI-316 and RAA AISI-316 are developed to protect one unarmoured / armoured cable (single core or multicore) with a liquidtight flexible metal conduit in potentially explosive atmospheres (ATEX). The stainless steel AISI 316 material guarantees the best resistance against corrosion and chemical attacks. They fit directly on every type of Anaconda Sealtite metal conduit. By using the right connection set also fit on non-covered conduit types like Anaconda Multiflex SLI, UI and SLB. There is also on demand a barrier version for armoured cables, type BAA AISI-316. For unarmoured cables, in case of barrier solution, we suggest to use the type BXA AISI-316. They are frequently used in the chemical and petrochemical-industry, Oil & Gas, off-shore and food industry. Typical applications are connections on big motors, transformers, control equipment and terminal boxes. In case a 45° or 90° solution is needed it is possible to use the IECEX-ATEX Anaconda adapter type RNC AISI-316



in combination with straight, 45° or 90° Anaconda fittings.

#### Material & Construction:

**Construction:** Stainless steel AISI-316 fitting, consisting of 7 parts (counter nut, clamping ring, ferrule, intermediate housing, pressure ring, sealing rubber and body).

Also available as barrier version with sealing resin.

**Material:** Counter nut, intermediate housing, pressure ring and body are stainless steel AISI-316, sealing rubber is from EPDM rubber, clamping ring is from PA6.

Fittings are fully RoHS compliant.

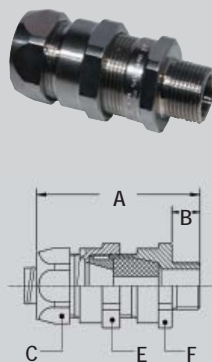
**Temperature:** -40 °C till +100 °C continuous. With silicone sealing rubber -70 °C till +220 °C continuous.

**Protection class:** IP 67 on the conduit and standard IP 66 between body and switchbox, with a flat seal between body and switchbox IP 68.

**Colour:** Metal.

For unarmoured cables,  
IECEX-ATEX certified and marked; RCN (type) (threadsize) CE 0080   
I M2 / II 2 GD / Ex d II C / Ex e II / Ex d I / Ex tD A 21 IP66 / IP68 INERIS 06ATEX0014X

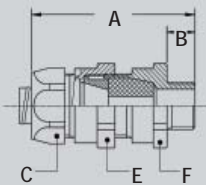
RNA AISI-316, ISO, IECEX-ATEX cable-hose-fitting, stainless steel, EPDM seal (-40 °C till +100 °C).



Thread	Sealtite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.010.9	10,8
M16 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.011.9	10,8
M20 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.008.9	10,8
M20 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.009.9	10,8
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.012.9	17,8
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.013.9	17,8
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.014.9	17,8
M25 x 1,5	3/4"	10,5 - 13	75	15	35	36	36	5	822.015.9	21,6
M25 x 1,5	3/4"	13 - 15,5	75	15	35	36	36	5	822.018.9	21,6
M25 x 1,5	3/4"	15,5 - 18	75	15	35	36	36	5	822.019.9	21,6
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.023.9	38,0
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.024.9	38,0
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.025.9	38,0
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.029.9	45,1
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.030.9	45,1
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.031.9	45,1

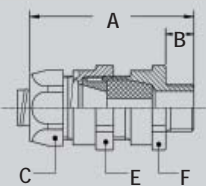
For unarmoured cables,  
 IECEx-ATEX certified and marked;  RCN (type) (threadsize) CE 0080   
 I M2 / II 2 GD / Ex d II C / Ex e II / Ex d I / Ex tD A 21 IP66 / IP68 INERIS 06ATEX0014X

RNA AISI-316, NPT, IECEx-ATEX cable-hose-fitting,  
 stainless steel, EPDM seal (-40 °C till +100 °C).



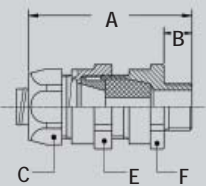
Thread	Sealite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	4 - 7	74	18	26	25	24	10	824.010.9	10,8
NPT 1/2"	3/8"	7 - 10	74	18	26	25	24	10	824.011.9	10,8
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.012.9	17,8
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.013.9	17,8
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.014.9	17,8
NPT 3/4"	3/4"	10,5 - 13	78	18	35	36	36	5	824.015.9	21,6
NPT 3/4"	3/4"	13 - 15,5	78	18	35	36	36	5	824.018.9	21,6
NPT 3/4"	3/4"	15,5 - 18	78	18	35	36	36	5	824.019.9	21,6
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.023.9	38,0
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.024.9	38,0
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.025.9	38,0

RNA AISI-316, ISO, IECEx-ATEX cable-hose-fitting,  
 stainless steel, **Silicone seal (-70 °C till +220 °C).**






Thread	Sealite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	6 - 8	71	15	26	25	24	10	822.010.6	10,8
M16 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.011.6	10,8
M20 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.009.6	10,8
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.012.6	17,8
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.013.6	17,8
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.014.6	17,8
M25 x 1,5	3/4"	10,5 - 13	75	15	35	36	36	5	822.015.6	21,6
M25 x 1,5	3/4"	13 - 15,5	75	15	35	36	36	5	822.018.6	21,6
M25 x 1,5	3/4"	15,5 - 18	75	15	35	36	36	5	822.019.6	21,6
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.023.6	38,0
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.024.6	38,0
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.025.6	38,0
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.029.6	45,1
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.030.6	45,1
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.031.6	45,1

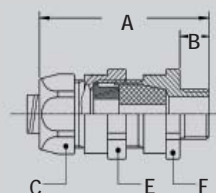
RNA AISI-316, NPT, IECEx-ATEX cable-hose-fitting,  
 stainless steel, **Silicone seal (-70 °C till +220 °C).**



Thread	Sealite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	6 - 8	74	18	26	25	24	10	824.010.6	10,8
NPT 1/2"	3/8"	8 - 10	74	18	26	25	24	10	824.011.6	10,8
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.012.6	17,8
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.013.6	17,8
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.014.6	17,8
NPT 3/4"	3/4"	10,5 - 13	78	18	35	36	36	5	824.015.6	21,6
NPT 3/4"	3/4"	13 - 15,5	78	18	35	36	36	5	824.018.6	21,6
NPT 3/4"	3/4"	15,5 - 18	78	18	35	36	36	5	824.019.6	21,6
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.023.6	38,0
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.024.6	38,0
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.025.6	38,0

For armoured cables,  
 IECEx-ATEX certified and marked;  RCN (type) (threadsize) CE 0080   
 I M2 / II 2 GD / Ex d II C / Ex e II / Ex d I / Ex tD A 21 IP66 / IP68 INERIS 06ATEX0014X



RAA AISI-316, ISO, IECEx-ATEX EMC cable-hose-fitting, stainless steel, EPDM rubber (-40°C till +100°C).    

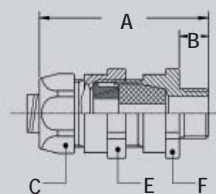


Thread	Sealtite	Clamping	Dimensions in mm						Standard	Article	Weight
			ISO	Size (inch)	Range (mm)	A	B	C			
M16 x 1,5	3/8"	4 - 7	71	15	26	25	24	10	822.210.9	10,8	
M16 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.211.9	10,8	
M20 x 1,5	3/8"	7 - 10	71	15	26	25	24	10	822.209.9	10,8	
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.212.9	17,8	
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.213.9	17,8	
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.214.9	17,8	
M25 x 1,5	3/4"	10,5 - 13	75	15	35	36	36	5	822.215.9	21,6	
M25 x 1,5	3/4"	13 - 15,5	75	15	35	36	36	5	822.218.9	21,6	
M25 x 1,5	3/4"	15,5 - 18	75	15	35	36	36	5	822.219.9	21,6	
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.223.9	38,0	
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.224.9	38,0	
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.225.9	38,0	
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.229.9	45,1	
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.230.9	45,1	
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.231.9	45,1	



**ANACONDA  
ATEX FITTINGS**

**RAA AISI-316  
ATEX FITTINGS  
IP66 / IP68**

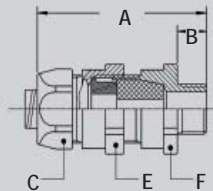
RAA AISI-316, NPT, IECEx-ATEX EMC cable-hose-fitting, stainless steel, EPDM rubber (-40°C till +100°C).    



Thread	Sealtite	Clamping	Dimensions in mm						Standard	Article	Weight
			NPT	Size (inch)	Range (mm)	A	B	C			
NPT 1/2"	3/8"	4 - 7	74	18	26	25	24	10	824.210.9	10,8	
NPT 1/2"	3/8"	7 - 10	74	18	26	25	24	10	824.211.9	10,8	
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.212.9	17,8	
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.213.9	17,8	
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.214.9	17,8	
NPT 3/4"	3/4"	10,5 - 13	78	18	35	36	36	5	824.215.9	21,6	
NPT 3/4"	3/4"	13 - 15,5	78	18	35	36	36	5	824.218.9	21,6	
NPT 3/4"	3/4"	15,5 - 18	78	18	35	36	36	5	824.219.9	21,6	
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.223.9	38,0	
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.224.9	38,0	
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.225.9	38,0	

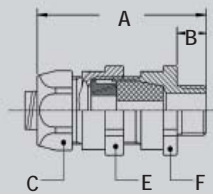
For armoured cables,  
 IECEx-ATEX certified and marked;  RCN (type) (threadsize) CE 0080   
 I M2 / II 2 GD / Ex d II C / Ex e II / Ex d I / Ex tD A 21 IP66 / IP68 INERIS 06ATEX0014X

RAA AISI-316, ISO, IECEx-ATEX EMC cable-hose-fitting, stainless steel, **Silicone seal (-70 °C till +220 °C).**



Thread ISO	Sealrite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
M16 x 1,5	3/8"	6 - 8	71	15	26	25	24	10	822.210.6	10,8
M16 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.211.6	10,8
M20 x 1,5	3/8"	8 - 10	71	15	26	25	24	10	822.209.6	10,8
M20 x 1,5	1/2"	5,5 - 8	74	15	30	32	30	10	822.212.6	17,8
M20 x 1,5	1/2"	8 - 10,5	74	15	30	32	30	10	822.213.6	17,8
M20 x 1,5	1/2"	10,5 - 13	74	15	30	32	30	10	822.214.6	17,8
M25 x 1,5	3/4"	10,5 - 13	75	15	35	36	36	5	822.215.6	21,6
M25 x 1,5	3/4"	13 - 15,5	75	15	35	36	36	5	822.218.6	21,6
M25 x 1,5	3/4"	15,5 - 18	75	15	35	36	36	5	822.219.6	21,6
M32 x 1,5	1"	15 - 18	90	15	45	45	42	5	822.223.6	38,0
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.224.6	38,0
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.225.6	38,0
M40 x 1,5	1.1/4"	21 - 24	94	15	55	55	48	2	822.229.6	45,1
M40 x 1,5	1.1/4"	24 - 27	94	15	55	55	48	2	822.230.6	45,1
M40 x 1,5	1.1/4"	27 - 30	94	15	55	55	48	2	822.231.6	45,1

RAA AISI-316, NPT, IECEx-ATEX EMC cable-hose-fitting, stainless steel, **Silicone seal (-70 °C till +220 °C).**



Thread NPT	Sealrite Size (inch)	Clamping Range (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	E	F			
NPT 1/2"	3/8"	6 - 8	74	18	26	25	24	10	824.210.6	10,8
NPT 1/2"	3/8"	8 - 10	74	18	26	25	24	10	824.211.6	10,8
NPT 1/2"	1/2"	5,5 - 8	77	18	30	32	30	10	824.212.6	17,8
NPT 1/2"	1/2"	8 - 10,5	77	18	30	32	30	10	824.213.6	17,8
NPT 1/2"	1/2"	10,5 - 13	77	18	30	32	30	10	824.214.6	17,8
NPT 3/4"	3/4"	10,5 - 13	78	18	35	36	36	5	824.215.6	21,6
NPT 3/4"	3/4"	13 - 15,5	78	18	35	36	36	5	824.218.6	21,6
NPT 3/4"	3/4"	15,5 - 18	78	18	35	36	36	5	824.219.6	21,6
NPT 1"	1"	15 - 18	97	22	45	45	42	5	824.223.6	38,0
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.224.6	38,0
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.225.6	38,0

**ANACONDA  
ATEX FITTINGS**

**RAA AISI-316  
ATEX FITTINGS  
IP66 / IP68**