

Anaconda IECEx-ATEX, RNA-316, IP 66 / 68, stainless steel



ANACONDA IECEx-ATEX CABLE-HOSE FITTING TYPE RNA-316 AND RAA-316, STAINLESS STEEL AISI-316

Types RNA-316 IECEx-ATEX approved stainless steel type cable-hose fittings are designed for use with Anaconda Sealrite liquid tight conduits to connect and protect a single unarmoured cable (single core or multicore) in a potentially explosive atmosphere. The use of stainless steel AISI-316 material ensures good resistance to corrosive chemicals. A special designed connection set enables the fitting also to be used with the Anaconda Multiflex range of uncovered conduits. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes, components etc., in the chemical and petrochemical, oil and gas, bulk handling, wood processing and food and pharma industries. Also available in a version for armoured cable type RAA-316 (see pages 7 - 22 till 7 - 23). In case a 45° or 90° solution is needed it is possible to use the IECEx-ATEX Anaconda adapter type RNC-316 and RAC-316 in combination with a 45° or 90° Anaconda stainless steel swivel fitting.

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 2 compont resin.

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

Fittings are fully RoHS compliant.

Temperature: -40 °C till +100 °C continuous. With silicone sealing rubber -65 °C till +220 °C continuous.

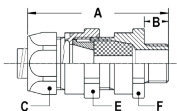
Protection class: IP 67 on the conduit and standard IP 66 between body and switchbox, with a flat seal between body and switchbox IP 68.

Colour: Metal coloured.

For unarmoured cable, IECEx-ATEX certified and marked;

⚠ RCN (type) (thread size) IECEx INE 10.0010X Ex d/e I Mb IIC Gb Ex tb IIIC Db
 Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

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



THREAD ISO	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	5/16"	4 - 7	71	15	26	25	24	10	822.006.9	10,8
M20 x 1,5	5/16"	4 - 7	71	15	26	25	24	10	822.007.9	10,8
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	74	15	35	36	36	5	822.015.9	21,6
M25 x 1,5	3/4"	13 - 15,5	74	15	35	36	36	5	822.018.9	21,6
M25 x 1,5	3/4"	15,5 - 18	74	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
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.024.9	38
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.025.9	38
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

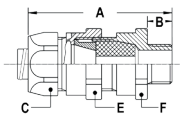
ANACONDA IECEX-ATEX, RNA-316, IP 66 / 68, STAINLESS STEEL

For unarmoured cable, IECEX-ATEX certified and marked;

▲ RCN (type) (thread size) IECEX INE 10.0010X Ex d/e I Mb IIC Gb Ex tb IIIC Db

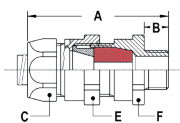
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

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



THREAD NPT	SEALTITE 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	77	18	35	36	36	5	824.015.9	21,6	
NPT 3/4"	3/4"	13 - 15,5	77	18	35	36	36	5	824.018.9	21,6	
NPT 3/4"	3/4"	15,5 - 18	77	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	
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.024.9	38	
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.025.9	38	
NPT 1.1/4"	1.1/4"	21 - 24	101	22	55	55	48	2	824.029.9	45,1	
NPT 1.1/4"	1.1/4"	21 - 24	101	22	55	55	48	2	824.030.9	45,1	
NPT 1.1/4"	1.1/4"	21 - 24	101	22	55	55	48	2	824.031.9	45,1	

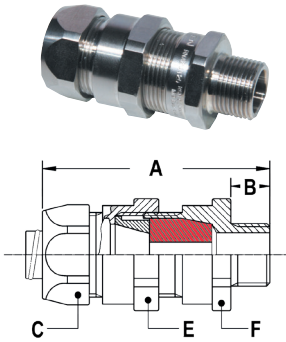
RNA-316, ISO, IECEX-ATEX cable-hose fitting, stainless steel
AISI-316, silicone seal (-65 °C till +220 °C)



THREAD ISO	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"	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	
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M25 x 1,5	3/4"	13 - 15,5	74	15	35	36	36	5	822.018.6	21,6	
M25 x 1,5	3/4"	15,5 - 18	74	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	
M32 x 1,5	1"	18 - 21	90	15	45	45	42	5	822.024.6	38	
M32 x 1,5	1"	21 - 23,5	90	15	45	45	42	5	822.025.6	38	
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	

ANACONDA IECEX-ATEX, RNA-316, IP 66 / 68, STAINLESS STEEL

RNA-316, NPT, IECEX-ATEX cable-hose fitting, stainless steel
 AISI-316, silicone seal (-65 °C till +220 °C)



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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	77	18	35	36	36	5	824.015.6	21,6
NPT 3/4"	3/4"	13 - 15,5	77	18	35	36	36	5	824.018.6	21,6
NPT 3/4"	3/4"	15,5 - 18	77	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
NPT 1"	1"	18 - 21	97	22	45	45	42	5	824.024.6	38
NPT 1"	1"	21 - 23,5	97	22	45	45	42	5	824.025.6	38
NPT 1.1/4"	1.1/4"	21 - 24	101	22	55	55	48	2	824.029.6	45,1
NPT 1.1/4"	1.1/4"	24 - 27	101	22	55	55	48	2	824.030.6	45,1
NPT 1.1/4"	1.1/4"	27 - 30	101	22	55	55	48	2	824.031.6	45,1