

Adapter IECEx-ATEX, RNC, IP 66 / 68, nickel plated brass



ANAMET IECEx-ATEX ADAPTER FITTING, TYPE RNC AND RAC, NICKEL PLATED BRASS

Type RNC IECEx-ATEX approved nickel plated brass adapter fitting, male one side, female other side, was originally developed to connect to threaded rigid conduit but can also be used with a flexible metal conduit to protect unarmoured cable in a potentially explosive atmosphere when a 45° or a 90° solution is needed. The connection with an Anaconda flexible conduit is made with a standard male 45° or 90° Anaconda, nickel plated brass, swivel fitting which is screwed into the female thread of the adapter. Since RNA cable-hose fittings are available upto 1.1/4", the RNC 1.1/2" to 3" adapter in combination with Anaconda standard fittings can be used when larger sizes are required. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and components etc., in the chemical and petrochemical, oil and gas, wood processing, bulk handling and food and pharma industries. Also available in a version for armoured cable (type RAC, pages 7 - 40 till 7 - 41). On demand the version with silicone seal for high temperatures is also available.

Material & Construction:

Construction: Nickel plated brass fitting, consisting of 4 parts (female body, pressure ring, sealing rubber and male body).

Material: Female body, pressure ring and male body are nickel plated brass and sealing rubber is from EPDM. Also available in stainless steel AISI-316.

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

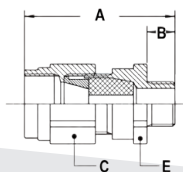
Protection class: Standard is IP 66, with a flat seal between body and switchbox IP 68.

Colour: Metal coloured.

For loose wires and unarmoured cables (stripped), IECEx-ATEX certified and marked;

▲ RCN (type) (thread size) IECEx CES 15.0001X Ex db / eb I Mb IIC Gb Ex tb IIIC Db
 CE 0080 CESI 14ATEX069X I M2 / II 2 GD, IP 66 / IP 68

RNC, ISO, IECEx-ATEX adapter fitting, nickel plated brass, EPDM seal (-40 °C till +100 °C)



THREAD OUTER ISO	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M20 x 1,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.812.0	17,4
M20 x 1,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.813.0	17,4
M20 x 1,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.814.0	17,4
M25 x 1,5	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.815.0	20,6
M25 x 1,5	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.818.0	20,6
M25 x 1,5	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.819.0	20,6
M32 x 1,5	NPT 1"	15 - 18	76	15	45	-	42	5	297.823.0	35,6
M32 x 1,5	NPT 1"	18 - 21	76	15	45	-	42	5	297.824.0	35,6
M32 x 1,5	NPT 1"	21 - 24	76	15	45	-	42	5	297.825.0	35,6
M40 x 1,5	NPT 1.1/4"	21 - 24	79	15	50	-	48	2	297.829.0	43,1
M40 x 1,5	NPT 1.1/4"	24 - 27	79	15	50	-	48	2	297.830.0	43,1
M40 x 1,5	NPT 1.1/4"	27 - 30	79	15	50	-	48	2	297.831.0	43,1
M50 x 1,5	NPT 1.1/2"	30 - 33	79	15	57	-	55	2	297.843.0	56,8
M50 x 1,5	NPT 1.1/2"	33 - 36	79	15	57	-	55	2	297.844.0	56,8
M63 x 1,5	NPT 2"	36 - 39	80	15	68	-	68	2	297.851.0	78,4
M63 x 1,5	NPT 2"	39 - 42	80	15	68	-	68	2	297.852.0	78,4
M63 x 1,5	NPT 2"	42 - 45	80	15	68	-	68	2	297.853.0	78,4
M75 x 1,5	NPT 2.1/2"	45 - 48	91	15	80	-	80	1	297.854.0	112,4
M75 x 1,5	NPT 2.1/2"	48 - 51	91	15	80	-	80	1	297.855.0	112,4
M75 x 1,5	NPT 2.1/2"	51 - 54	91	15	80	-	80	1	297.856.0	112,4
M90 x 2	NPT 3"	54 - 58	103	20	102	-	100	1	297.857.0	223,5
M90 x 2	NPT 3"	58 - 62	103	20	102	-	100	1	297.858.0	223,5

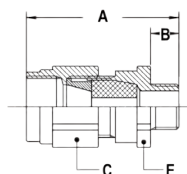
ADAPTER IECEX-ATEX, RNC, IP 66 / 68, NICKEL PLATED BRASS

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

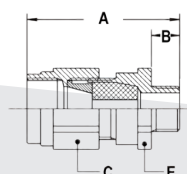
RNC, NPT, IECEX-ATEX adapter fitting, nickel plated brass,
EPDM seal (-40 °C till +100 °C)



THREAD OUTER NPT	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	NPT 1/2"	5,5 - 8	66	18	32	-	30	10	297.912.0	17,4
NPT 1/2"	NPT 1/2"	8 - 10,5	66	18	32	-	30	10	297.913.0	17,4
NPT 1/2"	NPT 1/2"	10,5 - 13	66	18	32	-	30	10	297.914.0	17,4
NPT 3/4"	NPT 3/4"	10,5 - 13	66	18	36	-	35	5	297.915.0	20,6
NPT 3/4"	NPT 3/4"	13 - 15,5	66	18	36	-	35	5	297.918.0	20,6
NPT 3/4"	NPT 3/4"	15,5 - 18	66	18	36	-	35	5	297.919.0	20,6
NPT 1"	NPT 1"	15 - 18	83	22	45	-	42	5	297.923.0	35,6
NPT 1"	NPT 1"	18 - 21	83	22	45	-	42	5	297.924.0	35,6
NPT 1"	NPT 1"	21 - 24	83	22	45	-	42	5	297.925.0	35,6
NPT 1 1/4"	NPT 1 1/4"	21 - 24	86	22	50	-	48	2	297.929.0	43,1
NPT 1 1/4"	NPT 1 1/4"	24 - 27	86	22	50	-	48	2	297.930.0	43,1
NPT 1 1/4"	NPT 1 1/4"	27 - 30	86	22	50	-	48	2	297.931.0	43,1
NPT 1 1/2"	NPT 1 1/2"	30 - 33	88	24	57	-	55	2	297.943.0	56,8
NPT 1 1/2"	NPT 1 1/2"	33 - 36	88	24	57	-	55	2	297.944.0	56,8
NPT 2"	NPT 2"	36 - 39	89	24	68	-	68	2	297.951.0	78,4
NPT 2"	NPT 2"	39 - 42	89	24	68	-	68	2	297.952.0	78,4
NPT 2"	NPT 2"	42 - 45	89	24	68	-	68	2	297.953.0	78,4
NPT 2 1/2"	NPT 2 1/2"	45 - 48	104	28	80	-	80	1	297.954.0	112,4
NPT 2 1/2"	NPT 2 1/2"	48 - 51	104	28	80	-	80	1	297.955.0	112,4
NPT 2 1/2"	NPT 2 1/2"	51 - 54	104	28	80	-	80	1	297.956.0	112,4
NPT 3"	NPT 3"	54 - 58	111	28	102	-	100	1	297.957.0	223,5
NPT 3"	NPT 3"	58 - 62	111	28	102	-	100	1	297.958.0	223,5

Atex fittings

RNC, Pg, IECEX-ATEX adapter fitting, nickel plated brass,
EPDM seal (-40 °C till +100 °C)



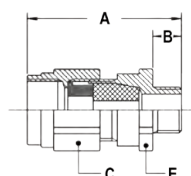
THREAD OUTER PG	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
Pg 11	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.611.0	17,4
Pg 13,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.612.0	17,4
Pg 13,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.613.0	17,4
Pg 13,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.614.0	17,4
Pg 16	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.615.0	20,6
Pg 16	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.618.0	20,6
Pg 16	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.619.0	20,6
Pg 21	NPT 1"	15 - 18	76	15	45	-	42	5	297.623.0	35,6
Pg 21	NPT 1"	18 - 21	76	15	45	-	42	5	297.624.0	35,6
Pg 21	NPT 1"	21 - 24	76	15	45	-	42	5	297.625.0	35,6
Pg 29	NPT 1 1/4"	21 - 24	81	17	50	-	48	2	297.629.0	43,1
Pg 29	NPT 1 1/4"	24 - 27	81	17	50	-	48	2	297.630.0	43,1
Pg 29	NPT 1 1/4"	27 - 30	81	17	50	-	48	2	297.631.0	43,1
Pg 36	NPT 1 1/2"	30 - 33	81	17	57	-	55	2	297.643.0	56,8
Pg 36	NPT 1 1/2"	33 - 36	81	17	57	-	55	2	297.644.0	56,8
Pg 48	NPT 2"	36 - 39	83	18	68	-	68	2	297.651.0	78,4
Pg 48	NPT 2"	39 - 42	83	18	68	-	68	2	297.652.0	78,4
Pg 48	NPT 2"	42 - 45	83	18	68	-	68	2	297.653.0	78,4

Adapter IECEx-ATEX, RAC, IP 66 / 68, nickel plated brass

For armoured 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

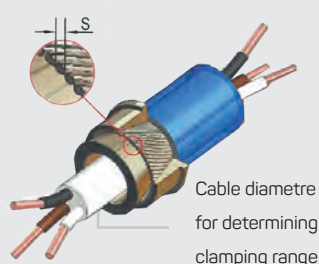
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68



RAC, ISO, IECEx-ATEX EMC adapter fitting, nickel plated brass,
EPDM seal (-40 °C till +100 °C)



THREAD OUTER ISO	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M20 x 1,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.812.0	17,4
M20 x 1,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	839.813.0	17,4
M20 x 1,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	839.814.0	17,4
M25 x 1,5	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	839.815.0	20,6
M25 x 1,5	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	839.818.0	20,6
M25 x 1,5	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	839.819.0	20,6
M32 x 1,5	NPT 1"	15 - 18	76	15	45	-	42	5	839.823.0	35,6
M32 x 1,5	NPT 1"	18 - 21	76	15	45	-	42	5	839.824.0	35,6
M32 x 1,5	NPT 1"	21 - 24	76	15	45	-	42	5	839.825.0	35,6
M40 x 1,5	NPT 1 1/4"	21 - 24	79	15	50	-	48	2	839.829.0	43,1
M40 x 1,5	NPT 1 1/4"	24 - 27	79	15	50	-	48	2	839.830.0	43,1
M40 x 1,5	NPT 1 1/4"	27 - 30	79	15	50	-	48	2	839.831.0	43,1
M50 x 1,5	NPT 1 1/2"	30 - 33	79	15	57	-	55	2	839.843.0	56,8
M50 x 1,5	NPT 1 1/2"	33 - 36	79	15	57	-	55	2	839.844.0	56,8
M63 x 1,5	NPT 2"	36 - 39	80	15	68	-	68	2	839.851.0	78,4
M63 x 1,5	NPT 2"	39 - 42	80	15	68	-	68	2	839.852.0	78,4
M63 x 1,5	NPT 2"	42 - 45	80	15	68	-	68	2	839.853.0	78,4
M75 x 1,5	NPT 2 1/2"	45 - 48	91	15	80	-	80	1	839.854.0	112,4
M75 x 1,5	NPT 2 1/2"	48 - 51	91	15	80	-	80	1	839.855.0	112,4
M75 x 1,5	NPT 2 1/2"	51 - 54	91	15	80	-	80	1	839.856.0	112,4
M90 x 2	NPT 3"	54 - 58	103	20	102	-	100	1	839.857.0	223,5
M90 x 2	NPT 3"	58 - 62	103	20	102	-	100	1	839.858.0	223,5



Special information for EMC cable-hose fittings

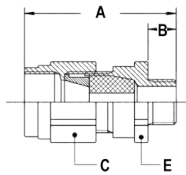
1. In case of EMC versions, the cable diameter needed to determine the clamping range, is not the outer diameter of the cable but the diameter of the cable without the braiding.
2. In case of EMC versions with a wire diameter (S) from 1,0 till 2,5 mm (type SWA, Steel Wire Armour) a special version with reduced cone clamping rings must be ordered (article no. with suffix "-RC").

ADAPTER IECEx-ATEX, RAC, IP 66 / 68, NICKEL PLATED BRASS

For armoured 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

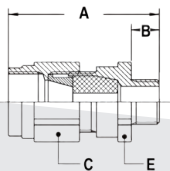


RAC, NPT, IECEx-ATEX, EMC adapter fitting, nickel plated brass,
EPDM seal (-40 °C till +100 °C)



THREAD OUTER NPT	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	NPT 1/2"	5,5 - 8	66	18	32	-	30	10	839.912.0	17,4
NPT 1/2"	NPT 1/2"	8 - 10,5	66	18	32	-	30	10	839.913.0	17,4
NPT 1/2"	NPT 1/2"	10,5 - 13	66	18	32	-	30	10	839.914.0	17,4
NPT 3/4"	NPT 3/4"	10,5 - 13	66	18	36	-	35	5	839.915.0	20,6
NPT 3/4"	NPT 3/4"	13 - 15,5	66	18	36	-	35	5	839.918.0	20,6
NPT 3/4"	NPT 3/4"	15,5 - 18	66	18	36	-	35	5	839.919.0	20,6
NPT 1"	NPT 1"	15 - 18	83	22	45	-	42	5	839.923.0	35,6
NPT 1"	NPT 1"	18 - 21	83	22	45	-	42	5	839.924.0	35,6
NPT 1"	NPT 1"	21 - 24	83	22	45	-	42	5	839.925.0	35,6
NPT 1 1/4"	NPT 1 1/4"	21 - 24	86	22	50	-	48	2	839.929.0	43,1
NPT 1 1/4"	NPT 1 1/4"	24 - 27	86	22	50	-	48	2	839.930.0	43,1
NPT 1 1/4"	NPT 1 1/4"	27 - 30	86	22	50	-	48	2	839.931.0	43,1
NPT 1 1/2"	NPT 1 1/2"	30 - 33	88	24	57	-	55	2	839.943.0	56,8
NPT 1 1/2"	NPT 1 1/2"	33 - 36	88	24	57	-	55	2	839.944.0	56,8
NPT 2"	NPT 2"	36 - 39	89	24	68	-	68	2	839.951.0	78,4
NPT 2"	NPT 2"	39 - 42	89	24	68	-	68	2	839.952.0	78,4
NPT 2"	NPT 2"	42 - 45	89	24	68	-	68	2	839.953.0	78,4
NPT 2 1/2"	NPT 2 1/2"	45 - 48	104	28	80	-	80	1	839.954.0	112,4
NPT 2 1/2"	NPT 2 1/2"	48 - 51	104	28	80	-	80	1	839.955.0	112,4
NPT 2 1/2"	NPT 2 1/2"	51 - 54	104	28	80	-	80	1	839.956.0	112,4
NPT 3"	NPT 3"	54 - 58	111	28	102	-	100	1	839.957.0	223,5
NPT 3"	NPT 3"	58 - 62	111	28	102	-	100	1	839.958.0	223,5

Atex
fittings



RAC, Pg, IECEx-ATEX, EMC adapter fitting, nickel plated brass,
EPDM seal (-40 °C till +100 °C)



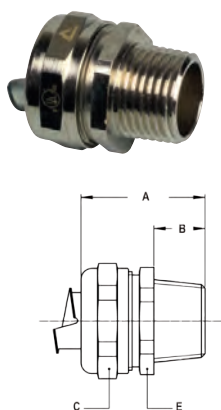
THREAD OUTER PG	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
Pg 11	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.611.0	17,4
Pg 13,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.612.0	17,4
Pg 13,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	839.613.0	17,4
Pg 13,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	839.614.0	17,4
Pg 16	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	839.615.0	20,6
Pg 16	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	839.618.0	20,6
Pg 16	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	839.619.0	20,6
Pg 21	NPT 1"	15 - 18	76	15	45	-	42	5	839.623.0	35,6
Pg 21	NPT 1"	18 - 21	76	15	45	-	42	5	839.624.0	35,6
Pg 21	NPT 1"	21 - 24	76	15	45	-	42	5	839.625.0	35,6
Pg 29	NPT 1 1/4"	21 - 24	81	17	50	-	48	2	839.629.0	43,1
Pg 29	NPT 1 1/4"	24 - 27	81	17	50	-	48	2	839.630.0	43,1
Pg 29	NPT 1 1/4"	27 - 30	81	17	50	-	48	2	839.631.0	43,1
Pg 36	NPT 1 1/2"	30 - 33	81	17	57	-	55	2	839.643.0	56,8
Pg 36	NPT 1 1/2"	33 - 36	81	17	57	-	55	2	839.644.0	56,8
Pg 48	NPT 2"	36 - 39	83	18	68	-	68	2	839.651.0	78,4
Pg 48	NPT 2"	39 - 42	83	18	68	-	68	2	839.652.0	78,4
Pg 48	NPT 2"	42 - 45	83	18	68	-	68	2	839.653.0	78,4

Adapter IECEx-ATEX, RNC, IP 66 / 68, nickel plated brass



ANACONDA FITTINGS, NICKEL PLATED BRASS, FOR COMBINATION WITH ADAPTER TYPE RNC / RAC

The connection with an Anaconda conduit is made by screwing a standard male Anaconda 45° or 90° swivel fitting illustrated hereunder, or 45° or 90° fixed fitting (illustrated on chapter 5) into the female thread of the adapter. Because RNA/RAA cable-hose fittings are available only till 1.1/4", if a straight solution for larger sizes is needed, it is also possible to use the RNC / RAC adapter from 1.1/2" up to 3" size in combination with Anaconda standard straight fittings.

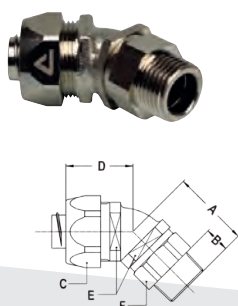


NPT straight fitting, compact, male, nickel plated brass



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
NPT 1/2"	3/8"	11	A	B	C	D	E	10	714.012.1	4,4
NPT 1/2"	1/2"	14,5	36	14	29	-	27	10	714.016.1	5
NPT 3/4"	3/4"	19,4	37	14	35	-	33	5	714.020.1	7
NPT 1"	1"	24,7	40	16	45	-	42	5	714.026.1	12,6
NPT 1.1/4"	1.1/4"	33,3	43	16	53	-	50	2	714.035.1	16,8
NPT 1.1/2"	1.1/2"	38	50	18	62	-	58	2	714.040.1	25,8
NPT 2"	2"	49	56	20	76	-	72	2	714.050.1	41,2
NPT 2.1/2"	2.1/2"	60,7	67	25	90	-	85	1	714.063.1*	83,6
NPT 3"	3"	75,5	73	27	108	-	102	1	714.075.1*	113,9

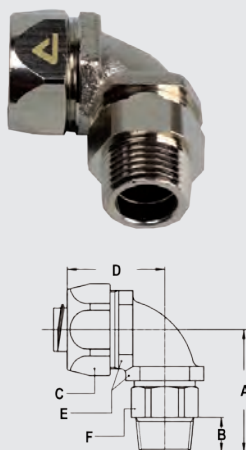
* Size NPT 2.1/2" and NPT 3" are without UL / CSA.



NPT 45° swivel fitting, male, nickel plated brass



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	A	B	C	D	E	F	STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
NPT 1/2"	3/8"	10,4	36	12	26	28	22	22	10	819.412.0	11,5
NPT 1/2"	1/2"	13,8	36	12	29	30	27	25	10	819.416.0	14
NPT 3/4"	3/4"	17,4	39	12	35	32	33	31	5	819.420.0	22
NPT 1"	1"	23,4	42	13	45	37	42	38	5	819.426.0	37



NPT 90° swivel fitting, male, nickel plated brass



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	A	B	C	D	E	F	STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
NPT 1/2"	3/8"	10,4	41	12	26	35	22	22	10	819.912.0	12
NPT 1/2"	1/2"	13,8	41	12	29	37	27	25	10	819.916.0	14
NPT 3/4"	3/4"	17,4	48	12	35	44	33	31	5	819.920.0	23,5
NPT 1"	1"	23,4	56	13	45	55	42	38	5	819.926.0	42

Adapter IECEx-ATEX, RNC-316, IP 66 / 68, stainless steel



ANAMET IECEx-ATEX ADAPTER FITTING, TYPE RNC-316 AND RAC-316, STAINLESS STEEL AISI-316

Type RNC-316 IECEx-ATEX approved stainless steel adapter fitting, male one side, female other side, was originally developed to connect to threaded rigid conduit but can also be used with a flexible metal conduit to protect unarmoured cable in a potentially explosive atmosphere when a 45° or a 90° solution is needed. The use of stainless steel materials ensures good resistance to corrosion and chemicals in harsh environments. Connection to an Anaconda flexible conduit is made with a standard male 45°, 90°, swivel or fixed fitting which is screwed into the female thread of the adapter. Since RNA-316 cable-hose fittings are available upto 1.1/4", the RNC-316 1.1/2" to 3" adapter in combination with Anaconda stainless steel fittings can be used when larger sizes are required. Typical applications include motors, transformers, control equipment, Ex enclosures, terminal boxes and components etc., in the chemical and petrochemical, oil and gas, wood processing, bulk handling and food and pharma industries. Also available in a version for armoured cable (type RAC-316, see pages 7 - 45 till 7 - 46). On demand the version with silicone seal for high temperatures is also available.

Material & Construction:

Construction: Stainless steel AISI-316 fitting, consisting of 4 parts (female body, pressure ring, sealing rubber and male body).

Material: Female body and male body are stainless steel AISI-316, the pressure ring is nickel plated brass and sealing rubber is from EPDM.

Temperature: -40 °C till +100 °C continuous.

With silicone sealing rubber -65 °C till +220 °C continuous.

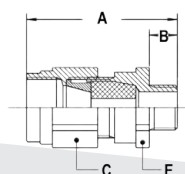
Protection class: Standard is IP 66, with a flat seal between body and switchbox IP 68.

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

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



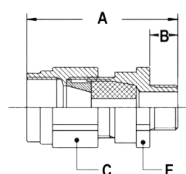
THREAD OUTER ISO	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M20 x 1,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.812.9	17,4
M20 x 1,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.813.9	17,4
M20 x 1,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.814.9	17,4
M25 x 1,5	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.815.9	20,6
M25 x 1,5	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.818.9	20,6
M25 x 1,5	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.819.9	20,6
M32 x 1,5	NPT 1"	15 - 18	76	15	45	-	42	5	297.823.9	35,6
M32 x 1,5	NPT 1"	18 - 21	76	15	45	-	42	5	297.824.9	35,6
M32 x 1,5	NPT 1"	21 - 24	76	15	45	-	42	5	297.825.9	35,6
M40 x 1,5	NPT 1.1/4"	21 - 24	79	15	50	-	48	2	297.829.9	43,1
M40 x 1,5	NPT 1.1/4"	24 - 27	79	15	50	-	48	2	297.830.9	43,1
M40 x 1,5	NPT 1.1/4"	27 - 30	79	15	50	-	48	2	297.831.9	43,1
M50 x 1,5	NPT 1.1/2"	30 - 33	79	15	57	-	55	2	297.843.9	56,8
M50 x 1,5	NPT 1.1/2"	33 - 36	79	15	57	-	55	2	297.844.9	56,8
M63 x 1,5	NPT 2"	36 - 39	80	15	68	-	68	2	297.851.9	78,4
M63 x 1,5	NPT 2"	39 - 42	80	15	68	-	68	2	297.852.9	78,4
M63 x 1,5	NPT 2"	42 - 45	80	15	68	-	68	2	297.853.9	78,4

ADAPTER IECEX-ATEX, RNC-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

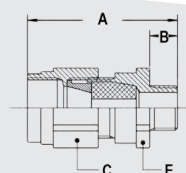


RNC-316, NPT, IECEX-ATEX adapter fitting, stainless steel AISI-316, EPDM seal (-40 °C till +100 °C)



THREAD OUTER NPT	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	NPT 1/2"	5,5 - 8	66	18	32	-	30	10	297.912.9	17,4
NPT 1/2"	NPT 1/2"	8 - 10,5	66	18	32	-	30	10	297.913.9	17,4
NPT 1/2"	NPT 1/2"	10,5 - 13	66	18	32	-	30	10	297.914.9	17,4
NPT 3/4"	NPT 3/4"	10,5 - 13	66	18	36	-	35	5	297.915.9	20,6
NPT 3/4"	NPT 3/4"	13 - 15,5	66	18	36	-	35	5	297.918.9	20,6
NPT 3/4"	NPT 3/4"	15,5 - 18	66	18	36	-	35	5	297.919.9	20,6
NPT 1"	NPT 1"	15 - 18	83	22	45	-	42	5	297.923.9	35,6
NPT 1"	NPT 1"	18 - 21	83	22	45	-	42	5	297.924.9	35,6
NPT 1"	NPT 1"	21 - 24	83	22	45	-	42	5	297.925.9	35,6
NPT 1.1/4"	NPT 1.1/4"	21 - 24	86	22	50	-	48	2	297.929.9	43,1
NPT 1.1/4"	NPT 1.1/4"	24 - 27	86	22	50	-	48	2	297.930.9	43,1
NPT 1.1/4"	NPT 1.1/4"	27 - 30	86	22	50	-	48	2	297.931.9	43,1
NPT 1.1/2"	NPT 1.1/2"	30 - 33	88	24	57	-	55	2	297.943.9	56,8
NPT 1.1/2"	NPT 1.1/2"	33 - 36	88	24	57	-	55	2	297.944.9	56,8
NPT 2"	NPT 2"	36 - 39	89	24	68	-	68	2	297.951.9	78,4
NPT 2"	NPT 2"	39 - 42	89	24	68	-	68	2	297.952.9	78,4
NPT 2"	NPT 2"	42 - 45	89	24	68	-	68	2	297.953.9	78,4
NPT 2.1/2"	NPT 2.1/2"	45 - 48	104	28	80	-	80	1	297.954.9	112,4
NPT 2.1/2"	NPT 2.1/2"	48 - 51	104	28	80	-	80	1	297.955.9	112,4
NPT 2.1/2"	NPT 2.1/2"	51 - 54	104	28	80	-	80	1	297.956.9	112,4
NPT 3"	NPT 3"	54 - 58	111	28	102	-	100	1	297.957.9	223,5
NPT 3"	NPT 3"	58 - 62	111	28	102	-	100	1	297.958.9	223,5

RNC-316, Pg, IECEX-ATEX adapter fitting, stainless steel AISI-316, EPDM seal (-40 °C till +100 °C)



THREAD OUTER Pg	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
Pg 11	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.611.9	17,4
Pg 13,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	297.612.9	17,4
Pg 13,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	297.613.9	17,4
Pg 13,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	297.614.9	17,4
Pg 16	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	297.615.9	20,6
Pg 16	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	297.618.9	20,6
Pg 16	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	297.619.9	20,6
Pg 21	NPT 1"	15 - 18	76	15	45	-	42	5	297.623.9	35,6
Pg 21	NPT 1"	18 - 21	76	15	45	-	42	5	297.624.9	35,6
Pg 21	NPT 1"	21 - 24	76	15	45	-	42	5	297.625.9	35,6
Pg 29	NPT 1.1/4"	21 - 24	81	17	50	-	48	2	297.629.9	43,1
Pg 29	NPT 1.1/4"	24 - 27	81	17	50	-	48	2	297.630.9	43,1
Pg 29	NPT 1.1/4"	27 - 30	81	17	50	-	48	2	297.631.9	43,1
Pg 36	NPT 1.1/2"	30 - 33	81	17	57	-	55	2	297.643.9	56,8
Pg 36	NPT 1.1/2"	33 - 36	81	17	57	-	55	2	297.644.9	56,8
Pg 48	NPT 2"	36 - 39	83	18	68	-	68	2	297.651.9	78,4
Pg 48	NPT 2"	39 - 42	83	18	68	-	68	2	297.652.9	78,4
Pg 48	NPT 2"	42 - 45	83	18	68	-	68	2	297.653.9	78,4

Adapter IECEx-ATEX, RAC-316, IP 66 / 68, stainless steel

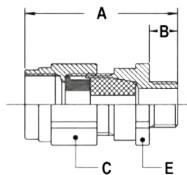


For armoured cable, IECEx-ATEX certified and marked;

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

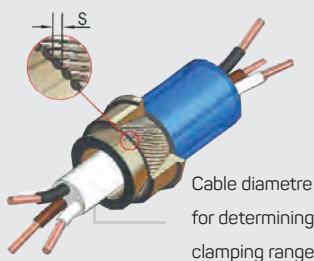
CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

RAC-316, ISO, IECEx-ATEX EMC adapter fitting, stainless steel
AISI-316, EPDM seal (-40 °C till +100 °C)



THREAD OUTER ISO	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M20 x 1,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.812.9	17,4
M20 x 1,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	839.813.9	17,4
M20 x 1,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	839.814.9	17,4
M25 x 1,5	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	839.815.9	20,6
M25 x 1,5	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	839.818.9	20,6
M25 x 1,5	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	839.819.9	20,6
M32 x 1,5	NPT 1"	15 - 18	76	15	45	-	42	5	839.823.9	35,6
M32 x 1,5	NPT 1"	18 - 21	76	15	45	-	42	5	839.824.9	35,6
M32 x 1,5	NPT 1"	21 - 24	76	15	45	-	42	5	839.825.9	35,6
M40 x 1,5	NPT 1 1/4"	21 - 24	79	15	50	-	48	2	839.829.9	43,1
M40 x 1,5	NPT 1 1/4"	24 - 27	79	15	50	-	48	2	839.830.9	43,1
M40 x 1,5	NPT 1 1/4"	27 - 30	79	15	50	-	48	2	839.831.9	43,1
M50 x 1,5	NPT 1 1/2"	30 - 33	79	15	57	-	55	2	839.843.9	56,8
M50 x 1,5	NPT 1 1/2"	33 - 36	79	15	57	-	55	2	839.844.9	56,8
M63 x 1,5	NPT 2"	36 - 39	80	15	68	-	68	2	839.851.9	78,4
M63 x 1,5	NPT 2"	39 - 42	80	15	68	-	68	2	839.852.9	78,4
M63 x 1,5	NPT 2"	42 - 45	80	15	68	-	68	2	839.853.9	78,4
M75 x 1,5	NPT 2 1/2"	45 - 48	91	15	80	-	80	1	839.854.9	112,4
M75 x 1,5	NPT 2 1/2"	48 - 51	91	15	80	-	80	1	839.855.9	112,4
M75 x 1,5	NPT 2 1/2"	51 - 54	91	15	80	-	80	1	839.856.9	112,4
M90 x 2	NPT 3"	54 - 58	103	20	102	-	100	1	839.857.9	223,5
M90 x 2	NPT 3"	58 - 62	103	20	102	-	100	1	839.858.9	223,5

Atex fittings



Special information for EMC cable-hose fittings

1. In case of EMC versions, the cable diameter needed to determine the clamping range, is not the outer diameter of the cable but the diameter of the cable without the braiding.
2. In case of EMC versions with a wire diameter (S) from 1,0 till 2,5 mm (type SWA, Steel Wire Armour) a special versions with reduced cone clamping rings must be ordered (article no. with suffix "-RC").

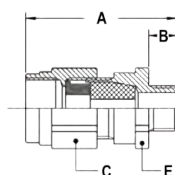
ADAPTER IECEx-ATEX, RAC-316, IP 66 / 68, STAINLESS STEEL

For armoured 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

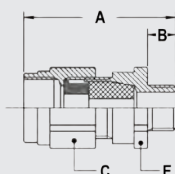
Ex CE 0080 INERIS 06ATEX0014X I M2 / II 2 GD, IP 66 / IP 68

RAC-316, NPT, IECEx-ATEX EMC adapter fitting, stainless steel
AISI-316, EPDM seal (-40 °C till +100 °C)



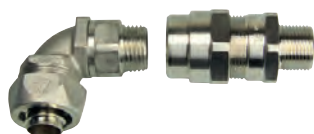
THREAD OUTER NPT	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	NPT 1/2"	5,5 - 8	66	18	32	-	30	10	839.912.9	17,4
NPT 1/2"	NPT 1/2"	8 - 10,5	66	18	32	-	30	10	839.913.9	17,4
NPT 1/2"	NPT 1/2"	10,5 - 13	66	18	32	-	30	10	839.914.9	17,4
NPT 3/4"	NPT 3/4"	10,5 - 13	66	18	36	-	35	5	839.915.9	20,6
NPT 3/4"	NPT 3/4"	13 - 15,5	66	18	36	-	35	5	839.918.9	20,6
NPT 3/4"	NPT 3/4"	15,5 - 18	66	18	36	-	35	5	839.919.9	20,6
NPT 1"	NPT 1"	15 - 18	83	22	45	-	42	5	839.923.9	35,6
NPT 1"	NPT 1"	18 - 21	83	22	45	-	42	5	839.924.9	35,6
NPT 1"	NPT 1"	21 - 24	83	22	45	-	42	5	839.925.9	35,6
NPT 1.1/4"	NPT 1.1/4"	21 - 24	86	22	50	-	48	2	839.929.9	43,1
NPT 1.1/4"	NPT 1.1/4"	24 - 27	86	22	50	-	48	2	839.930.9	43,1
NPT 1.1/4"	NPT 1.1/4"	27 - 30	86	22	50	-	48	2	839.931.9	43,1
NPT 1.1/2"	NPT 1.1/2"	30 - 33	88	24	57	-	55	2	839.943.9	56,8
NPT 1.1/2"	NPT 1.1/2"	33 - 36	88	24	57	-	55	2	839.944.9	56,8
NPT 2"	NPT 2"	36 - 39	89	24	68	-	68	2	839.951.9	78,4
NPT 2"	NPT 2"	39 - 42	89	24	68	-	68	2	839.952.9	78,4
NPT 2"	NPT 2"	42 - 45	89	24	68	-	68	2	839.953.9	78,4
NPT 2.1/2"	NPT 2.1/2"	45 - 48	104	28	80	-	80	1	839.954.9	112,4
NPT 2.1/2"	NPT 2.1/2"	48 - 51	104	28	80	-	80	1	839.955.9	112,4
NPT 2.1/2"	NPT 2.1/2"	51 - 54	104	28	80	-	80	1	839.956.9	112,4
NPT 3"	NPT 3"	54 - 58	111	28	102	-	100	1	839.957.9	223,5
NPT 3"	NPT 3"	58 - 62	111	28	102	-	100	1	839.958.9	223,5

RAC-316, Pg, IECEx-ATEX EMC adapter fitting, stainless steel
AISI-316, EPDM seal (-40 °C till +100 °C)



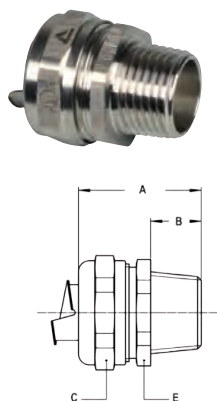
THREAD OUTER PG	THREAD INNER NPT	CLAMPING RANGE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
Pg 11	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.611.9	17,4
Pg 13,5	NPT 1/2"	5,5 - 8	63	15	32	-	30	10	839.612.9	17,4
Pg 13,5	NPT 1/2"	8 - 10,5	63	15	32	-	30	10	839.613.9	17,4
Pg 13,5	NPT 1/2"	10,5 - 13	63	15	32	-	30	10	839.614.9	17,4
Pg 16	NPT 3/4"	10,5 - 13	63	15	36	-	35	5	839.615.9	20,6
Pg 16	NPT 3/4"	13 - 15,5	63	15	36	-	35	5	839.618.9	20,6
Pg 16	NPT 3/4"	15,5 - 18	63	15	36	-	35	5	839.619.9	20,6
Pg 21	NPT 1"	15 - 18	76	15	45	-	42	5	839.623.9	35,6
Pg 21	NPT 1"	18 - 21	76	15	45	-	42	5	839.624.9	35,6
Pg 21	NPT 1"	21 - 24	76	15	45	-	42	5	839.625.9	35,6
Pg 29	NPT 1.1/4"	21 - 24	81	17	50	-	48	2	839.629.9	43,1
Pg 29	NPT 1.1/4"	24 - 27	81	17	50	-	48	2	839.630.9	43,1
Pg 29	NPT 1.1/4"	27 - 30	81	17	50	-	48	2	839.631.9	43,1
Pg 36	NPT 1.1/2"	30 - 33	81	17	57	-	55	2	839.643.9	56,8
Pg 36	NPT 1.1/2"	33 - 36	81	17	57	-	55	2	839.644.9	56,8
Pg 48	NPT 2"	36 - 39	83	18	68	-	68	2	839.651.9	78,4
Pg 48	NPT 2"	39 - 42	83	18	68	-	68	2	839.652.9	78,4
Pg 48	NPT 2"	42 - 45	83	18	68	-	68	2	839.653.9	78,4

Adapter IECEx-ATEX, RNC-316, IP 66 / 68, stainless steel



ANACONDA FITTINGS, STAINLESS STEEL AISI-316, FOR COMBINATION WITH ADAPTER RNC-316 / RAC-316

The connection with an Anaconda conduit is made by screwing a stainless steel Anaconda 45° or 90° swivel fitting illustrated hereunder, or 45° or 90° fixed fitting (illustrated on chapter 5) into the female thread of the adapter. Because RNA-316 and RAA-316 cable-hose fittings are available only till 1.1/4", if a straight solution for larger sizes is needed, it is also possible to use the RNC-316 and RAA-316 adapter from 1.1/2" up to 3" size in combination with Anaconda stainless steel AISI-316 straight fittings.

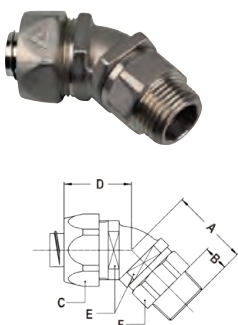


NPT straight fitting, compact, male, stainless steel AISI-316



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
A	B	C	D	E						
NPT 1/2"	3/8"	11	35	14	26	-	24	10	714.112.9	4,4
NPT 1/2"	1/2"	14,5	36	14	29	-	27	10	714.116.9	5
NPT 3/4"	3/4"	19,4	37	14	35	-	33	5	714.120.9	7
NPT 1"	1"	24,7	40	16	45	-	42	5	714.126.9	12,6
NPT 1.1/4"	1.1/4"	33,3	43	16	53	-	50	2	714.135.9	16,8
NPT 1.1/2"	1.1/2"	38	50	18	62	-	58	2	714.140.9	25,8
NPT 2"	2"	49	56	20	76	-	72	2	714.150.9	41,2
NPT 2.1/2"	2.1/2"	60,7	67	25	90	-	85	1	714.163.9*	83,6
NPT 3"	3"	75,5	73	27	108	-	102	1	714.175.9*	113,9

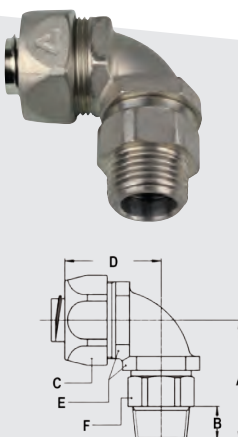
* Size NPT 2.1/2" and NPT 3" are without UL / CSA.



NPT 45° swivel fitting, male, stainless steel AISI-316



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM						STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
A	B	C	D	E	F						
NPT 1/2"	3/8"	10,4	36	12	27	28	22	22	10	819.212.9	11,5
NPT 1/2"	1/2"	13,8	36	12	30	30	27	25	10	819.216.9	14
NPT 3/4"	3/4"	17,4	47	14	36	37	33	33	5	838.220.9	22
NPT 1"	1"	23,4	54	15	46	46	42	42	5	838.226.9	37



NPT 90° swivel fitting, male, stainless steel AISI-316



THREAD NPT	SEALTITE SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM						STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
A	B	C	D	E	F						
NPT 1/2"	3/8"	10,4	41	12	27	35	22	22	10	819.512.9	12
NPT 1/2"	1/2"	13,8	41	12	30	37	27	25	10	819.516.9	14
NPT 3/4"	3/4"	17,4	60	14	36	50	33	33	5	838.520.9	23,5
NPT 1"	1"	23,4	102	15	46	60	42	42	5	838.526.9	42