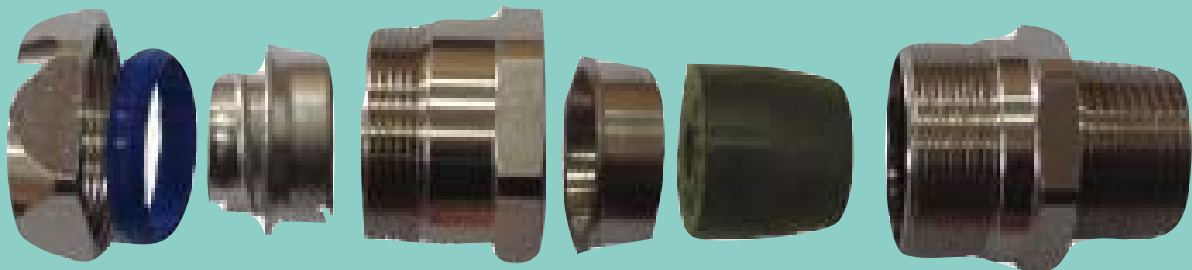


# ANACONDA ATEX SYSTEM

SPECIAL  EXPLOSIONPROOF  
ATEX CABLE-HOSE-FITTINGS  
AND CONDUIT SOLUTIONS



**ANAMET EUROPE**



Website : [www.anamet.nl](http://www.anamet.nl)  
Contact : [sales@anamet.nl](mailto:sales@anamet.nl)

## Description Anaconda ATEX cable-hose-fittings

The Anaconda ATEX certified cable-hose-fittings together with the Anaconda Sealtite conduits represent the ideal solution for the mechanical protection of cables and for the connection of equipment in a safe and explosionproof way.

The temperature range of the standard version with an internal seal in EPDM is between -40°C and + 100°C, while the temperature range of the high temperature version with an internal seal in Silicone is between -70°C and + 220°C.

The Anaconda ATEX cable-hose-fittings are also available in EMC version (shielded) for the connection of armoured cables.

They are available either in nickel plated brass or in stainless steel AISI 316. The protection grade as delivered is IP66, but can be increased to IP68 by using an additional flat seal between body and enclosure (to be ordered separately).

## Classification of explosion risk zones according to ATEX

The Explosion risk zones are classified based on a risk analysis, determining to what degree, a zone with presence of gas or dust has to be considered an explosion risk.

- **Zone 0 (Gas) and Zone 20 (Dust):** place with continuous presence or long duration of an explosive atmosphere.
- **Zone 1 (Gas) and Zone 21 (Dust):** place where during normal functioning an explosive atmosphere is occasionally present.
- **Zone 2 (Gas) and Zone 22 (Dust):** place where an explosive atmosphere is impossible during normal functioning or that it is present only infrequently and for short periods.

According to Directive 94/9/CE the equipment to be used in Ex-zones has to be certified and ATEX marked. To this end the equipment is divided in groups and categories, according to the zones in which their use is consented.

### Group I = equipment for use in mining

Hazardous atmosphere	Risk	Zone	Category Equipment	Anaconda ATEX system allowed	Security level
Mine Gas, Combustible Dusts	Continuously or for long periods	0	I M1	No	Very high (also safe in case of 2 independent defects)
Mine Gas, Combustible Dusts	Occasionally	1	I M2	Yes	High (also safe in case of 1 defect)

### Group II = equipment for use in all other explosive atmospheres

Hazardous atmosphere	Risk	Zone	Category Equipment	Anaconda ATEX system allowed	Security level
Gases, Vapours and Mists	Continuously or for long periods	0	II 1 G	No	Very high (also safe in case of 2 independent defects)
Gases, Vapours and Mists	Occasionally	1	II 2 G	Yes	High (also safe in case of 1 defect)
Gases, Vapours and Mists	Infrequently or for short periods	2	II 3 G	Yes	Normal (safe during normal functioning)
Dusts	Continuously or for long periods	20	II 1 D	No	Very high (also safe in case of 2 independent defects)
Dusts	Occasionally	21	II 2 D	Yes	High (also safe in case of 1 defect)
Dusts	Infrequently or for short periods	22	II 2 D	Yes	High (conducting dusts)
		22	II 3 D	Yes	Normal (non-conducting dusts)

The Anaconda ATEX cable-hose-fittings are certified and marked according to Directive 94/9/CE:  I M2 / II 2 GD.

This means that our ATEX fittings can be used in mines in zone 1, as well as in all other explosive atmospheres containing gases, vapours and mists in zone 1 and 2 and containing dusts in zone 21 and 22.

## Certification and marking of Anaconda cable-hose-fitting, according to Directive EN 50014:

Next to the certification and marking according to directive 94/9/CE the Anaconda cable-hose-fittings are certified and marked according to directive EN 50014, meaning: **Ex d I / Ex e I / Ex d IIC / Ex e II / Ex tD A21**

## Differences between European and North American standards regarding protection against explosion


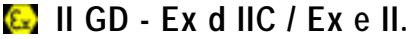
	Constant presence risk	Occasional presence risk	Presence risk only in case of a defect
IEC / EUROPE	zone 0	zone 1	zone 2
U.S. / CANADA	Division I		Division II

Risk category	IEC / EUROPE	U.S. / CANADA	Ignition energy
Methane	Group I	Not classified	
Acetylene	Group II C	Class I Group A	> 20 u J
Hydrogen	Group II C	Class I Group B	> 20 u J
Ethylene	Group II B	Class I Group C	> 60 u J
Propane	Group II A	Class I Group D	> 180 u J
Metallic conducting dust	In preparation	Class II Group E	
Non metallic conducting dust	In preparation	Class II Group F	
Non conducting dust	In preparation	Class II Group G	
Fibres	Not classified	Class III	

According to directive NEC 501-4b for Class 1 Division I, the use of flexible metal conduit is not permitted; only cables inserted in rigid pipes with block joints, or special armoured cables with special barrier type fittings are allowed.

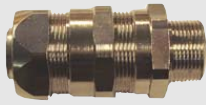
For class 1 division II, for class 2 division I and II, for class 3 division I and II, besides rigid pipes also flexible conduit and fittings are permitted, **under the condition that they are UL listed.** The Anaconda Sealtite conduits type HTDL and ZHUA as well as the regular Anaconda / Anamet fittings, are UL listed, and thus already permitted for this use.

# ANACONDA ATEX CABLE-HOSE-FITTINGS for Sealtite®

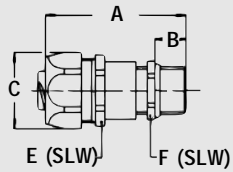
For unarmoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



ISO, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



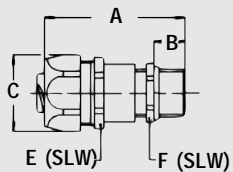
ISO thread	M16x1,5	M16x1,5	M20x1,5	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5	
For Sealtite	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Cable min-max	mm	4-7	7-10	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18
Dimensions in mm	A	71	71	71	74	74	74	75	75	75
	B	15	15	15	15	15	15	15	15	15
	C	26	26	26	30	30	30	35	35	35
	E	25	25	25	32	32	32	36	36	36
	F	24	24	24	30	30	30	35	35	35
Standard pack.	pcs.	10	10	10	10	10	10	10	10	10
Article no. standard		822.010.0	822.011.0	822.009.0	822.012.0	822.013.0	822.014.0	822.015.0	822.018.0	822.019.0
Art. no. high temp.		822.010.3*	822.011.3*	822.009.3*	822.012.3	822.013.3	822.014.3	822.015.3	822.018.3	822.019.3



ISO, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



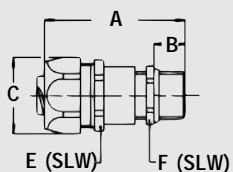
ISO thread	M32x1,5	M32x1,5	M32x1,5	M40x1,5	M40x1,5	M40x1,5	-	-	-	
For Sealtite	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
Cable min-max	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
Dimensions in mm	A	90	90	90	94	94	94	-	-	-
	B	15	15	15	15	15	15	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
Standard pack.	pcs.	10	10	10	10	10	10	-	-	-
Article no. standard		822.023.0	822.024.0	822.025.0	822.029.0	822.030.0	822.031.0	-	-	-
Art. no. high temp.		822.023.3	822.024.3	822.025.3	822.029.3	822.030.3	822.031.3	-	-	-



NPT, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



NPT thread	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-	
For Sealtite	inch	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-
Cable min-max	mm	4-7	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18	-
Dimensions in mm	A	74	74	77	77	77	78	78	78	-
	B	18	18	18	18	18	18	18	18	-
	C	26	26	30	30	30	35	35	35	-
	E	25	25	32	32	32	36	36	36	-
	F	24	24	30	30	30	35	35	35	-
Standard pack.	pcs.	10	10	10	10	10	10	10	10	-
Article no. standard		824.010.0	824.011.0	824.012.0	824.013.0	824.014.0	824.015.0	824.018.0	824.019.0	-
Art. no. high temp.		824.010.3*	824.011.3*	824.012.3	824.013.3	824.014.3	824.015.3	824.018.3	824.019.3	-



## ANACONDA ATEX fittings for Sealtite

The ATEX cable-hose-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.



The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anaconda ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

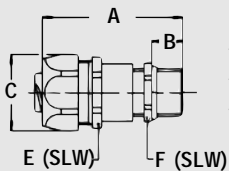
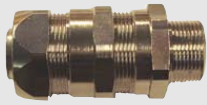
\* In size 3/8" a different clamping range is applicable for the high temperature version (with silicone seal): 6 - 8 mm instead of 4 - 7 mm, respectively 8 - 10 mm instead of 7 - 10 mm.

# ANACONDA ATEX CABLE-HOSE-FITTINGS for Sealtite®

For unarmoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



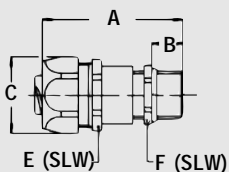
NPT, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



NPT thread		1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
For Sealtite	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
Cable min-max	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
Dimensions in mm	A	97	97	97	101	101	101	-	-	-
	B	22	22	22	22	22	22	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
Standard pack.	pcs.	10	10	10	10	10	10	-	-	-
Article no. standard		824.023.0	824.024.0	824.025.0	824.029.0	824.030.0	824.031.0	-	-	-
Art. no. high temp.		824.023.3	824.024.3	824.025.3	824.029.3	824.030.3	824.031.3	-	-	-



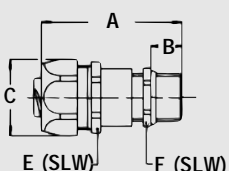
ISO, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



ISO thread		M16x1,5	M16x1,5	M20x1,5	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5
For Sealtite	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Cable min-max	mm	4-7	7-10	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18
Dimensions in mm	A	71	71	71	74	74	74	75	75	75
	B	15	15	15	15	15	15	15	15	15
	C	26	26	26	30	30	30	35	35	35
	E	25	25	25	32	32	32	36	36	36
	F	24	24	24	30	30	30	36	36	36
Standard pack.	pcs.	10	10	10	10	10	10	10	10	10
Article no. standard		822.010.9	822.011.9	822.009.9	822.012.9	822.013.9	822.014.9	822.015.9	822.018.9	822.019.9
Art. no. high temp.		822.010.6*	822.011.6*	822.009.6*	822.012.6	822.013.6	822.014.6	822.015.6	822.018.6	822.019.6



ISO, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



ISO thread		M32x1,5	M32x1,5	M32x1,5	M40x1,5	M40x1,5	M40x1,5	-	-	-
For Sealtite	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
Cable min-max	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
Dimensions in mm	A	90	90	90	94	94	94	-	-	-
	B	15	15	15	15	15	15	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
Standard pack.	pcs.	10	10	10	10	10	10	-	-	-
Article no. standard		822.023.9	822.024.9	822.025.9	822.029.9	822.030.9	822.031.9	-	-	-
Art. no. high temp.		822.023.6	822.024.6	822.025.6	822.029.6	822.030.6	822.031.6	-	-	-

## ANACONDA ATEX fittings for Sealtite

The ATEX cable-hose-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.



The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anaconda ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

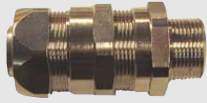
\* In size 3/8" a different clamping range is applicable for the high temperature version (with silicone seal): 6 - 8 mm instead of 4 - 7 mm, respectively 8 - 10 mm instead of 7 - 10 mm.

# ANACONDA ATEX CABLE-HOSE-FITTINGS for Sealtite®

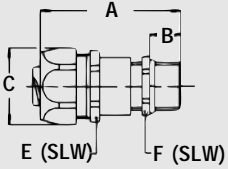
For unarmoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



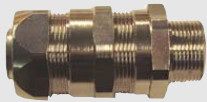
NPT, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



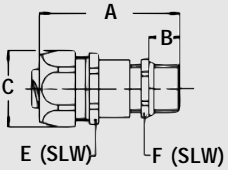
<b>NPT thread</b>		1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-
<b>For Sealtite</b>	inch	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-
<b>Cable min-max</b>	mm	4-7	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18	-
<b>Dimensions in mm</b>	A	74	74	77	77	77	78	78	78	-
	B	18	18	18	18	18	18	18	18	-
	C	26	26	30	30	30	35	35	35	-
	E	25	25	32	32	32	36	36	36	-
	F	24	24	30	30	30	36	36	36	-
	<b>Standard pack.</b>	pcs.	10	10	10	10	10	10	10	10
<b>Article no. standard</b>		824.010.9	824.011.9	824.012.9	824.013.9	824.014.9	824.015.9	824.018.9	824.019.9	-
<b>Art. no. high temp.</b>		824.010.6*	824.011.6*	824.012.6	824.013.6	824.014.6	824.015.6	824.018.6	824.019.6	-



NPT, Explosionproof ATEX cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



<b>NPT thread</b>		1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
<b>For Sealtite</b>	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
<b>Cable min-max</b>	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
<b>Dimensions in mm</b>	A	97	97	97	101	101	101	-	-	-
	B	22	22	22	22	22	22	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
	<b>Standard pack.</b>	pcs.	10	10	10	10	10	10	-	-
<b>Article no. standard</b>		824.023.9	824.024.9	824.025.9	824.029.9	824.030.9	824.031.9	-	-	-
<b>Art. no. high temp.</b>		824.023.6	824.024.6	824.025.6	824.029.6	824.030.6	824.031.6	-	-	-



## ANACONDA ATEX fittings for Sealtite

The ATEX cable-hose-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.



The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anaconda ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

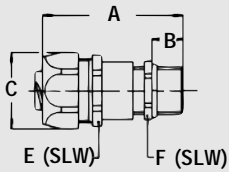
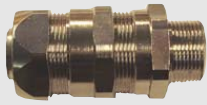
\* In size 3/8" a different clamping range is applicable for the high temperature version (with silicone seal): 6 - 8 mm instead of 4 - 7 mm, respectively 8 - 10 mm instead of 7 - 10 mm.

# ANACONDA ATEX EMC-CABLE-HOSE-FITTINGS for Sealtite®

For armoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



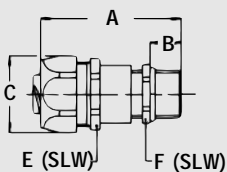
ISO, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



ISO thread		M16x1,5	M16x1,5	M20x1,5	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5
For Sealtite	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Cable min-max	mm	4-7	7-10	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18
Dimensions in mm	A	71	71	71	74	74	74	75	75	75
	B	15	15	15	15	15	15	15	15	15
	C	26	26	26	30	30	30	35	35	35
	E	25	25	25	32	32	32	36	36	36
	F	24	24	24	30	30	30	35	35	35
Standard pack.	pcs.	10	10	10	10	10	10	10	10	10
Article EMC standard		822.210.0	822.211.0	822.209.0	822.212.0	822.213.0	822.214.0	822.215.0	822.218.0	822.219.0
Art. EMC high temp.		822.210.3*	822.211.3*	822.209.3*	822.212.3	822.213.3	822.214.3	822.215.3	822.218.3	822.219.3



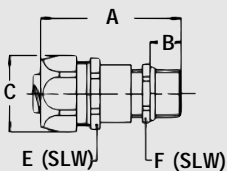
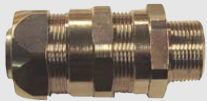
ISO, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



ISO thread		M32x1,5	M32x1,5	M32x1,5	M40x1,5	M40x1,5	M40x1,5	-	-	-
For Sealtite	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
Cable min-max	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
Dimensions in mm	A	90	90	90	94	94	94	-	-	-
	B	15	15	15	15	15	15	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
Standard pack.	pcs.	10	10	10	10	10	10	-	-	-
Article EMC standard		822.223.0	822.224.0	822.225.0	822.229.0	822.230.0	822.231.0	-	-	-
Art. EMC high temp.		822.223.3	822.224.3	822.225.3	822.229.3	822.230.3	822.231.3	-	-	-



NPT, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



NPT thread		1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-
For Sealtite	inch	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	-
Cable min-max	mm	4-7	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18	-
Dimensions in mm	A	74	74	77	77	77	78	78	78	-
	B	18	18	18	18	18	18	18	18	-
	C	26	26	30	30	30	35	35	35	-
	E	25	25	32	32	32	36	36	36	-
	F	24	24	30	30	30	35	35	35	-
Standard pack.	pcs.	10	10	10	10	10	10	10	10	-
Article EMC standard		824.210.0	824.211.0	824.212.0	824.213.0	824.214.0	824.215.0	824.218.0	824.219.0	-
Art. EMC high temp.		824.210.3*	824.211.3*	824.212.3	824.213.3	824.214.3	824.215.3	824.218.3	824.219.3	-

## ANACONDA ATEX fittings for Sealtite

The ATEX cable-hose-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.


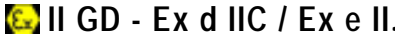
The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anaconda ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

\* In size 3/8" a different clamping range is applicable for the high temperature version (with silicone seal): 6 - 8 mm instead of 4 - 7 mm, respectively 8 - 10 mm instead of 7 - 10 mm.

# ANACONDA ATEX EMC-CABLE-HOSE-FITTINGS for Sealtite®

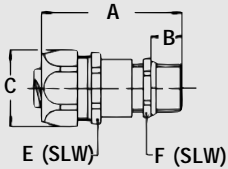
For armoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



NPT, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, nickel-plated brass.



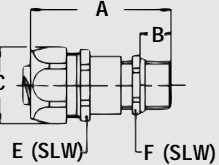
<b>NPT thread</b>		1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
<b>For Sealtite</b>	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
<b>Cable min-max</b>	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
<b>Dimensions in mm</b>	A	97	97	97	101	101	101	-	-	-
	B	22	22	22	22	22	22	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
<b>Standard pack.</b>	pcs.	10	10	10	10	10	10	-	-	-
<b>Article EMC standard</b>		824.223.0	824.224.0	824.225.0	824.229.0	824.230.0	824.231.0	-	-	-
<b>Art. EMC high temp.</b>		824.223.3	824.224.3	824.225.3	824.229.3	824.230.3	824.231.3	-	-	-



ISO, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



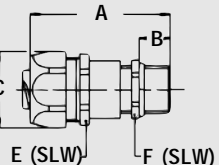
<b>ISO thread</b>		M16x1,5	M16x1,5	M20x1,5	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5
<b>For Sealtite</b>	inch	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
<b>Cable min-max</b>	mm	4-7	7-10	7-10	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18
<b>Dimensions in mm</b>	A	71	71	71	74	74	74	75	75	75
	B	15	15	15	15	15	15	15	15	15
	C	26	26	26	30	30	30	35	35	35
	E	25	25	25	32	32	32	36	36	36
	F	24	24	24	30	30	30	36	36	36
<b>Standard pack.</b>	pcs.	10	10	10	10	10	10	10	10	10
<b>Article EMC standard</b>		822.210.9	822.211.9	822.209.9	822.212.9	822.213.9	822.214.9	822.215.9	822.218.9	822.219.9
<b>Art. EMC high temp.</b>		822.210.6*	822.211.6*	809.209.6*	822.212.6	822.213.6	822.214.6	822.215.6	822.218.6	822.219.6



ISO, Explosionproof ATEX EMC-cable-hose-fitting, IP 66 / IP 68, stainless steel AISI 316.



<b>ISO thread</b>		M32x1,5	M32x1,5	M32x1,5	M40x1,5	M40x1,5	M40x1,5	-	-	-
<b>For Sealtite</b>	inch	1"	1"	1"	1.1/4"	1.1/4"	1.1/4"	-	-	-
<b>Cable min-max</b>	mm	15-18	18-21	21-23,5	21-24	24-27	27-30	-	-	-
<b>Dimensions in mm</b>	A	90	90	90	94	94	94	-	-	-
	B	15	15	15	15	15	15	-	-	-
	C	45	45	45	54	54	54	-	-	-
	E	45	45	45	55	55	55	-	-	-
	F	42	42	42	48	48	48	-	-	-
<b>Standard pack.</b>	pcs.	10	10	10	10	10	10	-	-	-
<b>Article EMC standard</b>		822.223.9	822.224.9	822.225.9	822.229.9	822.230.9	822.231.9	-	-	-
<b>Art. EMC high temp.</b>		822.223.6	822.224.6	822.225.6	822.229.6	822.230.6	822.231.6	-	-	-



## ANACONDA ATEX fittings for Sealtite

The ATEX cable-hose-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.



The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anaconda ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

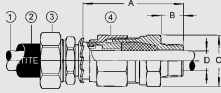
\* In size 3/8" a different clamping range is applicable for the high temperature version (with silicone seal): 6 - 8 mm instead of 4 - 7 mm, respectively 8 - 10 mm instead of 7 - 10 mm.

# ANAMET CABLE-FITTINGS for Sealtite®

For unarmoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



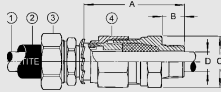
ISO / PG / NPT, Explosionproof ATEX cable-fitting, IP 66 / IP 68, standard temperature, nickel-plated brass.  
(to be used in combination with the regular Anaconda male NPT fittings)



ISO thread	-	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5	M32x1,5	M32x1,5	
PG thread	11	13,5	13,5	13,5	16	16	16	21	21	
NPT thread	-	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	
For NPT fitting	inch	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	
Dimensions in mm	A	63	63	63	63	63	63	77	77	
	B	15	15	15	15	15	15	15	15	
	Hex C	30	30	30	30	35	35	42	42	
Cable min-max	mm	5,5-8	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18	18-21	
Standard pack.	pcs.	10	10	10	10	10	10	10	10	
Article no.	ISO	-	297.812.0	297.813.0	297.814.0	297.815.0	297.818.0	297.819.0	297.823.0	297.824.0
	PG	297.611.0	297.612.0	297.613.0	297.614.0	297.615.0	297.618.0	297.619.0	297.623.0	297.624.0
	NPT*	-	297.912.0	297.913.0	297.914.0	297.915.0	297.918.0	297.919.0	297.923.0	297.924.0



ISO / PG / NPT, Explosionproof ATEX cable-fitting, IP 66 / IP 68, standard temperature, nickel-plated brass.  
(to be used in combination with the regular Anaconda male NPT fittings)



ISO thread	M32x1,5	M40x1,5	M40x1,5	M40x1,5	M50x1,5	M50x1,5	M63x1,5	M63x1,5	M63x1,5	
PG thread	21	29	29	29	36	36	48	48	48	
NPT thread	1"	1.1/4"	1.1/4"	1.1/4"	1.1/2"	1.1/2"	2"	2"	2"	
For NPT fitting	inch	1"	1.1/4"	1.1/4"	1.1/4"	1.1/2"	1.1/2"	2"	2"	
Dimensions in mm	A	77	80	80	80	80	80	80	80	
	B	15	15	15	15	15	15	15	15	
	Hex C	42	48	48	48	57	57	67	67	
Cable min-max	mm	21-24	21-24	24-27	27-30	30-33	33-36	36-39	39-42	42-45
Standard pack.	pcs.	10	10	10	10	5	5	5	5	
Article no.	ISO	297.825.0	297.829.0	297.830.0	297.831.0	297.843.0	297.844.0	297.851.0	297.852.0	297.853.0
	PG	297.625.0	297.629.0	297.630.0	297.631.0	297.643.0	297.644.0	297.651.0	297.652.0	297.653.0
	NPT*	297.925.0	297.929.0	297.930.0	297.931.0	297.943.0	297.944.0	297.951.0	-	-

On request also available in stainless steel AISI 316, part number xxx.xxx.9

Explosionproof cable-fittings must be fitted in combination with a regular ANAMET / ANACONDA male NPT fitting and are especially used in situations where an ATEX 45° or 90° solution is needed



## ANAMET ATEX fittings for Sealtite

The ATEX cable-fittings with standard internal EPDM rubber seal have a temperature range of -40°C till +100°C.


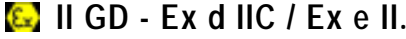
The high temperature versions, with a special internal Silicone seal, have a temperature range from -70°C till +220°C.

To obtain IP 68 an additional flat seal between body and enclosure is needed (to be ordered separately).

The nickel-plated brass Anamet ATEX fittings in ISO are limited on stock; for stainless steel or larger sizes the delivery time will be 6 till 8 weeks.

\* The NPT version is somewhat longer (1 till 9 mm, depending on the size)

# ANAMET CABLE-FITTINGS for Sealtite®

For unarmoured cables, ATEX certified  I M2 - Ex d I / Ex e I and  II GD - Ex d IIC / Ex e II.



ISO / PG / NPT, Explosionproof ATEX cable-fitting, IP 66 / IP 68, *high temperature*, nickel-plated brass.  
(to be used in combination with the regular Anaconda male NPT fittings)



ISO thread	-	M20x1,5	M20x1,5	M20x1,5	M25x1,5	M25x1,5	M25x1,5	M32x1,5	M32x1,5	
PG thread	11	13,5	13,5	13,5	16	16	16	21	21	
NPT thread	-	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	
For NPT fitting	inch	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	
Dimensions in mm	A	63	63	63	63	63	63	77	77	
	B	15	15	15	15	15	15	15	15	
	Hex C	30	30	30	30	35	35	42	42	
Cable min-max	mm	5,5-8	5,5-8	8-10,5	10,5-13	10,5-13	13-15,5	15,5-18	18-21	
Standard pack.	pcs.	10	10	10	10	10	10	10	10	
Article no.	ISO	-	297.812.1	297.813.1	297.814.1	297.815.1	297.818.1	297.819.1	297.823.1	297.824.1
	PG	297.611.1	297.612.1	297.613.1	297.614.1	297.615.1	297.618.1	297.619.1	297.623.1	297.624.1
	NPT*	-	297.912.1	297.913.1	297.914.1	297.915.1	297.918.1	297.919.1	297.923.1	297.924.1

ISO / PG / NPT, Explosionproof ATEX cable-fitting, IP 66 / IP 68, *high temperature*, nickel-plated brass.  
(to be used in combination with the regular Anaconda male NPT fittings)



ISO thread	M32x1,5	M40x1,5	M40x1,5	M40x1,5	M50x1,5	M50x1,5	M63x1,5	M63x1,5	M63x1,5	
PG thread	21	29	29	29	36	36	48	48	48	
NPT thread	1"	1.1/4"	1.1/4"	1.1/4"	1.1/2"	1.1/2"	2"	2"	2"	
For NPT fitting	inch	1"	1.1/4"	1.1/4"	1.1/4"	1.1/2"	1.1/2"	2"	2"	
Dimensions in mm	A	77	80	80	80	80	80	80	80	
	B	15	15	15	15	15	15	15	15	
	Hex C	42	48	48	48	57	57	67	67	
Cable min-max	mm	21-24	21-24	24-27	27-30	30-33	33-36	36-39	39-42	42-45
Standard pack.	pcs.	10	10	10	10	5	5	5	5	
Article no.	ISO	297.825.1	297.829.1	297.830.1	297.831.1	297.843.1	297.844.1	297.851.1	297.852.1	297.853.1
	PG	297.625.1	297.629.1	297.630.1	297.631.1	297.643.1	297.644.1	297.651.1	297.652.1	297.653.1
	NPT*	297.925.1	297.929.1	297.930.1	297.931.1	297.943.1	297.944.1	297.951.1	-	-

On request also available in stainless steel AISI 316, part number xxx.xxx.6

Explosionproof cable-fitting must be fitted in combination with a regular ANAMET / ANACONDA male NPT fittings and are especially used in situations where an ATEX 45° or 90° solution is needed



# ANACONDA SEALTITE® conduit type H.T.D.L.

**H.T.D.L.: UL & CSA, wide temperature range**



Type H.T.D.L. is the most used Anaconda Sealtite® conduit with integral grounding copper wire (till 1.1/4"). The H.T.D.L. is UL & CSA approved and has a wide temperature range. Because of the integrated copper grounding wire the H.T.D.L. also offers a fine EMI/EMP shielding, which makes it useable for applications where a high degree of electrical continuity is required. The H.T.D.L. perfectly suited for machines and installations that will be exported to countries outside Europe. You will find type H.T.D.L. in transformers, paper-recycling machinery, internal transport, trains, airtraffic-control, UMTS systems, machine-, paper- and apparatus-building industry.



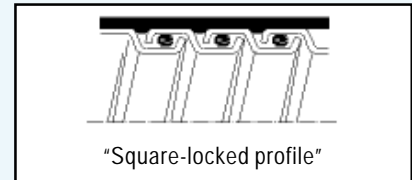
**Construction :** Galvanized steel core, square-locked with integral copper grounding wire, thermoplastic cover (PVC compound) .  
From 1 1/2" a fully interlocked profile will be used.

**Cover specifications:** PVC, sunlight and UV resistant, suitable for outside installation. The cover is good resistant against oil and greases.

**Special approvals :** UL-360 (file #E18917) and CSA 22.2 (file 63790 / 15275)

**Temperature :** -45°C to +105°C, intermittent up to +120°C.  
Max. temperature according CSA is +75°C.

**Colour :** Black.



Trade size HTDL	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>Fittings</b>	<b>ISO</b>	-	-	M16/M20	M20	M25	M32	M40	M50	M63	-	-
	<b>PG</b>	-	-	11/13,5	16	21	29	36	42	48	-	-
	<b>NPT</b>	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	-	-

<b>Inside diameter</b>	m m	-	-	12,6	16,1	21,1	26,8	35,4	40,3	51,6	-	-
------------------------	-----	---	---	------	------	------	------	------	------	------	---	---

<b>Outside diameter</b>	m m	-	-	17,8	21,1	26,4	33,1	41,8	47,8	59,9	-	-
-------------------------	-----	---	---	------	------	------	------	------	------	------	---	---

<b>Bending radius</b>	<b>static</b>	m m	-	-	70	90	115	145	175	205	240	-	-
<b>(centerline)</b>	<b>dynamic</b>	m m	-	-	85	110	140	170	215	250	300	-	-

<b>Standard carton</b>	m	-	-	60	60	45	30	15	15	15	-	-
------------------------	---	---	---	----	----	----	----	----	----	----	---	---

<b>Article No. black</b>		-	-	330.012.2	330.016.2	330.020.2	330.026.1	330.035.1	330.040.1	330.050.1	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	-----------	-----------	-----------	---	---

<b>Small carton</b>	m	-	-	10	10	10	10	-	-	-	-	-
---------------------	---	---	---	----	----	----	----	---	---	---	---	---

<b>Article No. black</b>		-	-	330.012.3	330.016.3	330.020.3	330.026.3	-	-	-	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	---	---	---	---	---

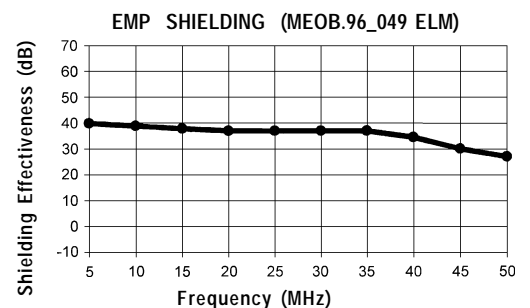
<b>Reels</b>	m	-	-	150	150	120	90	60	45	30	-	-
--------------	---	---	---	-----	-----	-----	----	----	----	----	---	---

<b>Article No. black</b>		-	-	330.012.5	330.016.5	330.020.5	330.026.5	330.035.5	330.040.5	330.050.5	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	-----------	-----------	-----------	---	---

Sealtite type H.T.D.L.	Value	Description
EN 50086 Classification		
Compression resistance	4	Heavy (1250 N)
Impact resistance	4	Heavy (6 J)
Minimum temperature	5	-45°C
Maximum temperature	3	+105°C
Bending resistance	4	Flexible
Electrical properties	3	With continuity and insulating characteristics
Resistance to ingress of solid foreign objects (I)	6	Protected against dust (dustproof)
Resistance to ingress of water (P)	7	Watertight (1 meter deep, 30 min.)
Corrosion resistance inside / outside	3	Medium / High
Tensile strength	4	Heavy (1000 N)
Resistance to flame propagation	1	Non-flame propagating
Suspended load capacity	0	None declared

Special remarks:

- \* Dynamic values for size 1 1/2" and bigger, only valid for circumstances above 0°C.
- \* With exception of the sizes 2 1/2" and 3" all items are stock item, please notice for larger volumes a delivery time of 3 till 4 weeks. The bigger sizes 2 1/2" and bigger have a delivery time of 6 till 8 weeks.
- \* Approved as earthconnector if length is max. 1,5 meter (see UL 360)
- \* Complies with NEC sect. 351 A.
- \* Suitable to use in hazardous environments according NEC 501-4B Class I, Division 2; Class II, Division 1 and 2; Class III, Division 1 and 2.



# ANACONDA SEALTITE® conduit type Z.H.U.A.

**Z.H.U.A.:** **UL & halogen free**



Type Z.H.U.A. is the ultimate Anaconda Sealtite® conduit with integral grounding copper wire (till 1.1/4"). The Z.H.U.A. is UL approved and has a wide temperature range. Because of the integrated copper grounding wire the Z.H.U.A. also offers a fine EMI/EMP shielding, which makes it useable for applications where a high degree of electrical continuity is required. Another unique feature of the Z.H.U.A. is, that it is extremely flexible at both high as low temperatures. The Z.H.U.A. is often being applied in the subway, train and bus-building industry, in closed areas, airports, tunnels and (subway) stations. Especially for exportprojects outside Europe.



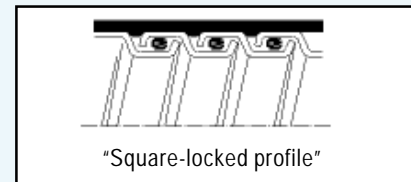
**Construction :** Galvanized steel core, square-locked with integral copper grounding wire, thermoplastic cover (Polyurethane, compound). From 1 1/2" a fully inter-locked profile will be used.

**Cover specifications:** Polyurethane, sunlight and UV resistant, suitable for outside installation. The cover is good resistant against oil and greases.

**Special approvals :** UL-360 (file #E18917) material classification V0 - UL94.

**Temperature :** -45°C to +80°C, intermittent up to +100°C.

**Colour :** Black.



Trade size ZHUA	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
<b>Fittings</b>	<b>ISO</b>	-	-	M16/M20	M20	M25	M32	M40	M50	M63	-	-
	<b>PG</b>	-	-	11/13,5	16	21	29	36	42	48	-	-
	<b>NPT</b>	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	-	-

<b>Inside diameter</b>	<b>mm</b>	-	-	12,6	16,1	21,1	26,8	35,4	40,3	51,6	-	-
------------------------	-----------	---	---	------	------	------	------	------	------	------	---	---

<b>Outside diameter</b>	<b>mm</b>	-	-	17,8	21,1	26,4	33,1	41,8	47,8	59,9	-	-
-------------------------	-----------	---	---	------	------	------	------	------	------	------	---	---

<b>Bending radius (centerline)</b>	<b>static mm</b>	-	-	70	90	115	145	175	205	240	-	-
	<b>dynamic mm</b>	-	-	85	110	140	170	215	250	300	-	-

<b>Standard carton</b>	<b>m</b>	-	-	30	30	30	30	15	15	15	-	-
------------------------	----------	---	---	----	----	----	----	----	----	----	---	---

<b>Article No. black</b>		-	-	334.012.1	334.016.1	334.020.1	334.026.1	334.035.1	334.040.1	334.050.1	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	-----------	-----------	-----------	---	---

<b>Small carton</b>	<b>m</b>	-	-	10	10	10	10	-	-	-	-	-
---------------------	----------	---	---	----	----	----	----	---	---	---	---	---

<b>Article No. black</b>		-	-	334.012.3	334.016.3	334.020.3	334.026.3	-	-	-	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	---	---	---	---	---

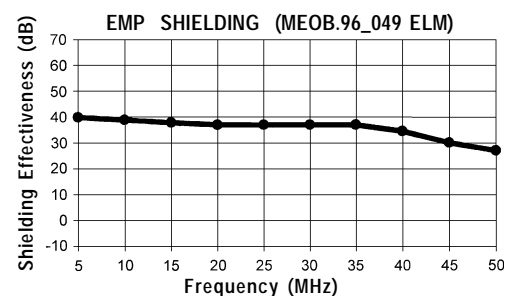
<b>Reels</b>	<b>m</b>	-	-	150	150	150	120	60	45	30	-	-
--------------	----------	---	---	-----	-----	-----	-----	----	----	----	---	---

<b>Article No. black</b>		-	-	334.012.5	334.016.5	334.020.5	334.026.5	334.035.5	334.040.5	334.050.5	-	-
--------------------------	--	---	---	-----------	-----------	-----------	-----------	-----------	-----------	-----------	---	---

Sealtite type Z.H.U.A.	Value	Description
EN 50086 Classification		
Compression resistance	4	Heavy (1250 N)
Impact resistance	4	Heavy (6 J)
Minimum temperature	5	-45°C
Maximum temperature	1+	+80°C
Bending resistance	4	Flexible
Electrical properties	3	With continuity and insulating characteristics
Resistance to ingress of solid foreign objects (I)	6	Protected against dust (dustproof)
Resistance to ingress of water (P)	7	Watertight (1 meter deep, 30 min.)
Corrosion resistance inside / outside	3	Medium / High
Tensile strength	4	Heavy (1000 N)
Resistance to flame propagation	1	Non-flame propagating
Suspended load capacity	0	None declared

Special remarks:

- \* All sizes ZHUA are no stock item, please notice a delivery time of 6 till 8 weeks.
- \* Larger sizes 2 1/2" till 4" available on demand.
- \* Approved as earthconnector if length is max. 1,5 meter (see UL 360)
- \* Complies with NEC sect. 351 A.
- \* Suitable to use in hazardous environments according NEC 501-4B Class I, Division 2; Class II, Division 1 and 2; Class III, Division 1 and 2.



# ANAMET ATEX SYSTEM



## **ANAMET EUROPE B.V.,**

Transformatorweg 30, NL-1014 AK Amsterdam

Tel. +31 20 5863586, Fax +31 20 6881126

E-Mail: [sales@anamet.nl](mailto:sales@anamet.nl)

Internet: [www.anamet.nl](http://www.anamet.nl)

**ANAMET EUROPE** 