SPECIALTY FITTINGS FOR ATEX

LFMC SEALTITE® **ATEX** FITTINGS
STAINLESS STEEL AISI-316 NPT FITTINGS

SPECIFICATIONS
- AISI-316 Stainless Steel with PTFE clamping ring.
- Separate 2 compound epoxy is provided for creating a barrier.
- Color: Metallic
- Temp. range: -76°F to +266°F (-60°C to +130°C)
- IECEx-ATEX certified:
  CE0080 I M2 / II 2 GD / Ex d II C / Ex e II/ Ex d I / Ex tD A 21 IP 66

APPLICATIONS
- Metallic flexible conduit
- Explosion-proof areas where Zone system used
- Machinery for export to other countries where Zone system used
- Superior corrosion resistance with 316 Stainless Steel

DESCRIPTION
- Explosion Proof fittings for any SEALTITE® conduit (except CNP)
- IECEx-ATEX approved barrier fittings to provide seal around loose wires inside a SEALTITE® conduit
- Barrier around loose wires created through a bi-compound eposy sealing supplied with the fitting
- IP 67 on the conduit and IP 66 between fitting and switchbox
- Excellent corrosion resistance with AISI-316 Stainless Steel

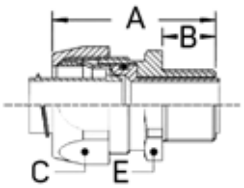
See: www.iecex.com
www.anacondasealtite.com

SEALTITE® FITTINGS

ATEX

BARRIER BXA NPT

Trade Size	Item ID	Min. Int. Bore (mm)	Dimensions (inches)				KO Size NPT	Weight (lbs/100)	Std. Pkg.
			A	B	C	E			
1/2"	8370169	13.8	1.457	0.512	1.024	1.063	1/2"	24.7	10
3/4"	8370209	18.5	1.457	0.512	1.142	1.299	3/4"	33.7	5
1"	8370269	23.8	1.575	0.591	1.379	1.732	1"	59.3	5



IP 66/67 with approved conduit

1-800-230-3718 cs@anametelectrical.com www.anametelectrical.com

ATEX ZONES

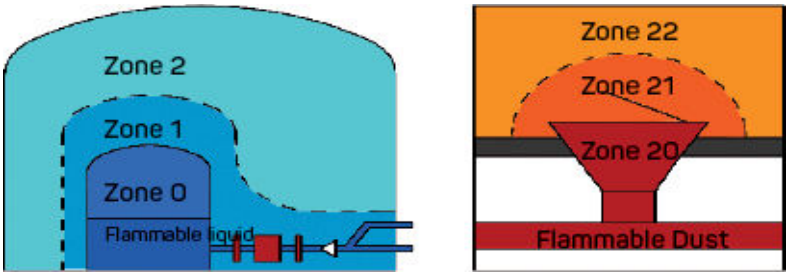
ANAMET SPECIALTY ATEX FITTINGS FOR IEC EX EXPLOSION-PROOF AREAS
EXPLANATION OF IEC EX-ZONES

ANAMET ATEX Fittings are based on the European IEC Ex directives.

Care must be taken when applying these to North American installations. Final responsibility of the suitability of the application is up to the customer and the local regulatory standards.

This is a brief explanation and comparison to North American standards.

LOCALIZATION OF GAS AND DUST EX-ZONES



GROUP I - EQUIPMENT FOR USE IN MINING:

Hazardous Atmosphere	Risk	Zone	Category Equipment	ANAMET 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 failures)
Mine Gas, Combustible Dusts	Occasionally	1	I M2	Yes	High (also safe in case of 1 failure)

GROUP II - EQUIPMENT FOR USE IN ALL OTHER EXPLOSIVE ATMOSPHERES:

Hazardous Atmosphere	Risk	Zone	Category Equipment	ANAMET 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 failures)
Gases, Vapours and Mists	Occasionally	1	II 2 G	Yes	High (also safe in case of 1 failure)
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 failures)
Dusts	Occasionally	21	II 2 D	Yes	High (also safe in case of 1 failure)
Dusts	Infrequently or for short periods	22	II 2 D II 3 G	Yes Yes	High (conducting Dusts) Normal (non-conducting Dusts)

DIFFERENCES BETWEEN EUROPEAN AND NORTH AMERICAN STANDARDS:

Region	Constant presence risk	Occasional presence risk	Presence risk only in case of failure
IEC/Europe	Zone 0	Zone 1	Zone 2
U.S./Canada	Division I		Division II