Anaconda Multiflex corrugated hose

TYPE ANAFLEX

VERY FLEXIBLE, HALOGEN FREE, NON-SMOKE, WIDE TEMPERATURE RANGE, EMI / EMP SHIELDING

The Anaflex click system consists of a highy quality flexible stainless steel AISI-316L hose with a nickel plated brass Anaflex Click fitting. The IP 69 system retains it's liquid-tight rating up to +250° C. The Anaflex System is designed to resist oils, greases and solvents and because the system has no plastic parts fire, smoke and toxicity will not be an issue. The Anaflex system was initially designed as a self-mounting flexible piping system for HVAC installations but due to its continuous profiled tube it is also suitable for protecting cables, especially in applications where EMI / EMP shielding is required. These features make Anaflex System suitable for use in electrical and non-electrical applications in the subway-, train- and bus buiding industry, in closed areas such as tunnels and underground.

Material & Construction:

Construction: Flexible parallel corrugated hose, stainless steel AISI-316L.

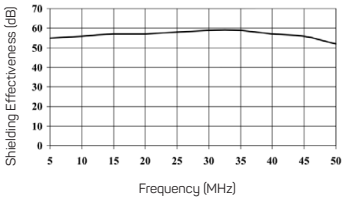
Special flame properties:

- Because the Anaflex hose has no cover the flame properties according the following approvals are valid:
- EN 45545-2 (2013): R22 (interior equipment) class HL1, HL2 and HL3.
  R23 (exterior equipment) class HL1, HL2 and HL3.
- BS 6853 (1999) Tabel 7 (Interior) Category 1a, 1b and II vehicle.
  Tabel 8 (Exterior) Category 1a, 1b and II vehicle.
- London Underground LUL 1-085 (2011).
  Tabel 3: Extensive and grouped usage.
  Tabel 4: limited and dispersed usage.

Temperature: -70 °C till +250 °C.

Colour: Metal coloured.

EMP shielding (MEOB.96_049 ELM)



RoHS GOST-R EN 45545-2 BS 6853 LOW SMOKE

Standard corrugation

ANAFLEX®	DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL		WEIGHT
Size DN	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No.	Metre	Article No.	Metre	Article No.	(kg/m)
DN 12	12,2	16,7	45	180	30	465.012.1	10	465.012.3	120	465.012.5	0,12
DN 16	16,2	21,5	60	180	30	465.016.1	10	465.016.3	90	465.016.5	0,2
DN 20	20,3	26,7	70	190	30	465.020.1	10	465.020.3	60	465.020.5	0,28
DN 25	25,4	32,3	100	215	30	465.025.1	10	465.025.3	-	-	0,39

The ANAFLEX® stainless steel hoses can be used in combination with the unique ANAFLEX®-CLICK fittings, as outlined on page 1 - 51

ANAFLEX®	-	-	-	12	16	20	25
ISO		-	-	M16 - M20	M20	M25	M32
PG		-	-	-	-	-	-
NPT	-	-	-	1/2"	1/2" - 3/4"	3/4"	1"

Anaflex-click fittings, IP 69, nickel plated brass

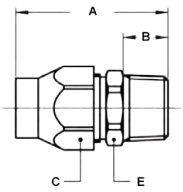
QUICK MOUNTING, RELIABLE, HIGH TEMPERATURE RESISTANCE AND VERY HIGH PROTECTION CLASS IP 69

For the stainless steel ANAFLEX® hose, a special and unique fitting has been designed. The major advantage of these nickel plated brass ANAFLEX®-CLICK fittings is the easy click-on system (no need to dis-assemble the fitting first). After tightening the counter nut (2 till 3 full turns) a strong and fully liquid-tight connection is made (IP 69).
Anaflex click is available with male thread in NPT and ISO, but also in female thread BSPT and a clamping version for rigid pipes of Ø 15 mm till Ø 22 mm.

Material & Construction:

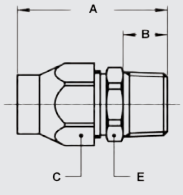
Construction: Nickel plated brass fitting, consisting of 6 parts (body, counter nut, retaining ring and filler ring are nickel plated brass, internal sealing sleeve is from PTFE and the internal flat seal is from silicone rubber).

Special approvals: Click system tested and approved by the "Institut für Solartechnik SPF" (Switzerland).
Temperature: -70 °C till +250 °C.
Colour: Metal coloured.



ISO straight fitting, male, nickel plated brass

THREAD ISO	ANAFLEX SIZE (DN)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
M16 x 1,5	DN 12	10	47	12	24	-	22	10	842.016.0	5,9
M20 x 1,5	DN 12	10	48	13	24	-	22	10	842.017.0	6,1
M20 x 1,5	DN 16	14	54	13	29	-	27	10	842.020.0	9
M25 x 1,5	DN 20	18	60	15	36	-	34	5	842.025.0	15,6
M32 x 1,5	DN 25	24	60	15	42	-	40	5	842.032.0	21,6



NPT straight fitting, male, nickel plated brass

THREAD NPT	ANAFLEX SIZE (DN)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
NPT 1/2"	DN 12	10	50	15	24	-	22	10	844.012.0	6,3
NPT 1/2"	DN 16	14	58	17	29	-	27	10	844.016.0	9,7
NPT 3/4"	DN 16	14	59	17	29	-	27	5	844.018.0	10,5
NPT 3/4"	DN 20	18	62	17	36	-	34	5	844.020.0	16
NPT 1"	DN 25	24	63	18	42	-	40	5	844.026.0	22,8