

ANACONDA MULTIFLEX CONDUIT TYPE SLI-316



Flexible, strong and very high corrosion resistant

SLI-316 is the stainless steel AISI-316 execution of the SL conduit. This conduit provides a high mechanical and chemical protection in applications that require a very high degree of corrosion protection, but where liquid tightness is not a pre-requirement. Typical applications include the steel, foundry, marine and shipbuilding industries as well as machine building.



Square locked

Material & Construction:

Material: Stainless steel (AISI-316).

Construction: square-locked design.

Temperature: -100 °C till +600 °C.

Colour: Metal coloured.

Classification according NEN-EN-IEC 61386:

Compression resistance: Class 4, Heavy (1250 N).

Impact resistance: Class 4, Heavy (6 J).

Tensile strength: Class 4, Heavy (1000 N).

Protection class: IP 40.



SLI-316	Diametre		Bending radius (cl)		Small carton		Standard carton		Large carton		Weight
Size	Inside	Outside	Static	Dynamic	Metre	Article No.	Metre	Article No.	Metre	Article No.	(Kg/m)
Inch	(mm)	(mm)	(mm)	(mm)							
5/16"	10,1	12,8	50	65	30	600.610.2	-	-	-	-	0,15
3/8"	12,6	15,5	60	85	30	600.612.2	-	-	-	-	0.24
1/2"	16,0	18,9	75	110	30	600.616.2	-	-	-	-	0.26
3/4"	21,0	23,9	90	140	30	600.620.2	-	-	-	-	0.41
1"	26,5	30,0	120	170	30	600.626.2	-	-	-	-	0.55
1.1/4"	35,1	38,7	135	215	30	600.635.2	-	-	-	-	0.63

* On demand the SLI-316 conduits are available also in production reels with longer lengths (codes change in 600.6xx.0)

The fittings for SLI-316 are outlined in on pages 1-19 and 1-20



Multiflex	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ISO	M12-M16	M16-M20	M16-M20	M20	M25	M32	M40	M50	M63	M75	M90	M105
Pg	7	9 - 11	11 - 13,5	16	21	29	36	42	48	-	-	-
NPT	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"

COMPACT FITTINGS FOR SLI, IP 40, STAINLESS STEEL AISI-316



Anaconda compact fittings, stainless steel AISI-316, for Multiflex SLI-316

These stainless steel AISI-316 Anaconda compact fittings are the same as used in chapter 5 (compact Sealtite). By replacing the standard polyamide clamping ring with a metal clamping ring (see below) they can be used in combination with SLI and SLI-316 conduits. By using the SLI clamping ring, a very high pull-out strength is achieved. The high quality finish of these stainless steel AISI-316 makes them superior to protect against corrosion and gives a nice appearance.

Material & Construction:

Construction: Stainless steel AISI-316 fitting, consisting of 4 parts



(counter nut, clamping ring, ferrule and body).

Material: Counter nut, and body are stainless steel AISI-316. The ferrule is from stainless steel AISI-304. The clamping ring is made of nickel plated brass.

O-rings are from NBR (black for ISO metric and blue for Pg).

Temperature: -55 °C till +260 °C continuous.

Protection class: IP 40.

Colour: Metal coloured.



Clamping ring, nickel plated brass, for combination with Multiflex type SLI-316



Thread	SLI-316 Size (Inch)	Min. Internal Bore (mm)	Fitting thread size			Standard Package	Article Number	Weight (Kg/100)
			ISO	Pg	NPT			
-	3/8"	-	M16 x 1,5	Pg 11	1/2" NPT	10	817.213.6	0,6
-	1/2"	-	M20 x 1,5	Pg 16	1/2" NPT	10	817.216.6	0,6
-	3/4"	-	M25 x 1,5	Pg 21	3/4" NPT	5	817.220.6	1,0
-	1"	-	M32 x 1,5	Pg 29	1" NPT	5	817.226.6	1,2
-	1.1/4"	-	M40 x 1,5	Pg 36	1.1/4" NPT	2	817.235.6	2,0

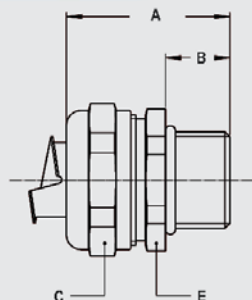
The above mentioned clamping rings for SLI-316 can be used with all types of compact fittings, as outlined in chapter 5.



ISO straight compact fitting, male, stainless steel AISI-316 (incl. metal clamping ring)



Thread	SLI-316 Size (Inch)	Min. Internal Bore (mm)	Dimensions in mm					Standard Package	Article Number	Weight (Kg/100)
			A	B	C	D	E			
M16 x 1,5	3/8"	11,0	31	10	26	-	24	10	712.116.96	4,5
M20 x 1,5	3/8"	11,0	31	10	26	-	24	10	712.117.96	4,6
M20 x 1,5	1/2"	14,5	32	10	29	-	27	10	712.120.96	5,0
M25 x 1,5	3/4"	19,4	33	10	35	-	33	5	712.125.96	7,6
M32 x 1,5	1"	24,7	36	12	45	-	42	5	712.132.96	12,9
M40 x 1,5	1.1/4"	33,3	40	13	53	-	50	2	712.140.96	18,0



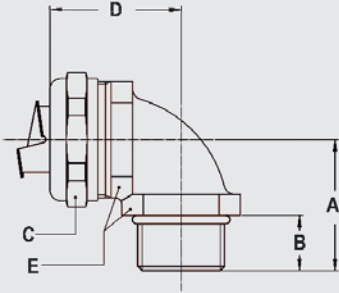
COMPACT FITTINGS FOR SLI, IP 40, STAINLESS STEEL AISI-316



ISO 90° fitting, compact, male, stainless steel AISI-316
(incl. metal clamping ring)



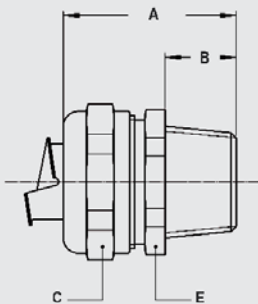
Thread	SLI-316	Min. Internal	Dimensions in mm					Standard	Article	Weight
ISO	Size (Inch)	Bore (mm)	A	B	C	D	E	Package	Number	(Kg/100)
M16 x 1,5	3/8"	11,0	26	10	26	31	22	10	712.516.96	7,2
M20 x 1,5	3/8"	11,0	26	10	26	32	24	10	712.517.96	8,5
M20 x 1,5	1/2"	14,5	28	10	29	34	27	10	712.520.96	9,8
M25 x 1,5	3/4"	19,4	32	10	35	40	33	5	712.525.96	17,2
M32 x 1,5	1"	24,7	40	12	45	49	42	5	712.532.96	29,0
M40 x 1,5	1.1/4"	33,3	46	13	53	53	52	2	712.540.96	42,1



NPT straight compact fitting, male, stainless steel AISI-316
(incl. metal clamping ring).



Thread	SLI-316	Min. Internal	Dimensions in mm					Standard	Article	Weight
NPT	Size (Inch)	Bore (mm)	A	B	C	D	E	Package	Number	(Kg/100)
NPT 1/2"	3/8"	11,0	35	14	26	-	24	10	714.112.96	5,0
NPT 1/2"	1/2"	14,5	36	14	29	-	27	10	714.116.96	5,6
NPT 3/4"	3/4"	19,4	37	14	35	-	33	5	714.120.96	8,0
NPT 1"	1"	24,7	40	16	45	-	42	5	714.126.96	13,8
NPT 1.1/4"	1.1/4"	33,3	43	16	53	-	50	2	714.135.96	18,8



NPT 90° fitting, compact, male, stainless steel AISI-316
(incl. metal clamping ring)



Thread	SLI-316	Min. Internal	Dimensions in mm					Standard	Article	Weight
NPT	Size (Inch)	Bore (mm)	A	B	C	E	E	Package	Number	(Kg/100)
NPT 1/2"	3/8"	11,0	30	14	26	32	24	10	714.512.96	8,8
NPT 1/2"	1/2"	14,5	32	14	29	34	27	10	714.516.96	10,2
NPT 3/4"	3/4"	19,4	36	14	35	40	33	5	714.520.96	17,7
NPT 1"	1"	24,7	44	16	45	49	42	5	714.526.96	29,5
NPT 1.1/4"	1.1/4"	33,3	49	16	53	53	52	2	714.535.96	43,4

