

## Multiflex SLB: flexible and robust, with stainless steel braid

SLB is a very flexible conduit comprising a galvanized steel core with a robust stainless steel braid cover designed to provide mechanical protection in critical applications where cables and wires are regularly exposed to hot metal swarf, sparks and metal chips. This robust, stainless steel braid cover provides a high level of electromagnetic shielding for cables. Typical applications include: the steel, foundry, metalworking and other demanding heavy duty industries.

### Material & Construction:

**Construction:** Galvanised steel core, square-locked with stainless steel (AISI-304) braid.

**Temperature:** -55 °C to +300 °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.

ANACONDA  
MULTIFLEX

CONDUIT  
TYPE  
SLB



SLB Size (Inch)	Diametre (mm)		Bending radius (mm)		Standard carton		Small carton		Reels		Weight (Kg/m)
	Inside	Outside	Static	Dynamic	Metre	Article No.	Metre	Article No.	Metre	Article No.	
5/16"	10,1	13,5	50	65	30	107.710.2	-	-	-	-	0,16
3/8"	12,6	15,8	60	85	30	107.712.2	-	-	-	-	0,20
1/2"	16,0	20,5	75	110	30	107.716.2	-	-	-	-	0,25
3/4"	21,0	25,5	90	140	30	107.720.2	-	-	-	-	0,34
1"	26,5	32,8	120	170	30	107.726.2	-	-	-	-	0,64
1.1/4"	35,1	40,5	135	215	30	107.735.2	-	-	-	-	0,94
1.1/2"	40,3	46,5	165	250	15	107.740.2	-	-	-	-	1,22
2"	51,6	58,0	210	300	15	107.750.2	-	-	-	-	1,81

The fittings for Multiflex SLB are outlined on page 1-20



Size SLB	Inch	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Fittings	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"



## Anaconda nickel plated brass fittings for Multiflex SLB.

To connect the SLB conduit you can use all standard Anaconda compact fittings for Sealtite (see chapter 4 & 6), changing the standard polyamide clamping ring with the metal ring for SLB conduit hereunder illustrated. This clamping ring must be ordered separately with the standard Anaconda fittings.



### Material & Construction:

**Construction:** Nickel plated brass fitting, consisting of 4 parts (counter nut, clamping ring, ferrule and body).

**Material:** Counter nut and body are nickel plated brass. The ferrule is from galvanised steel. O-rings are from NBR (black for ISO metric and blue).

The clamping ring is from galvanised steel for all sizes.

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

**Protection class:** IP 40, (cable-hose fittings are IP 68 on the switchbox).

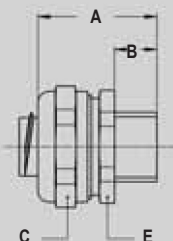
**Colour:** Metal.

### Clamping ring, galvanised steel, for combination with Multiflex type SLB.



Thread	SLB Size (inch)	Min. Internal Bore (mm)	Fitting thread size			Standard Package	Article Number	Weight (Kg/100)
			ISO	Pg	NPT			
-	5/16"	-	M16 x 1,5	Pg 11	1/2" NPT	10	817.710.0	0,6
-	3/8"	-	M16 x 1,5	Pg 11	1/2" NPT	10	817.712.0	0,6
-	1/2"	-	M20 x 1,5	Pg 16	1/2" NPT	10	817.716.0	0,6
-	3/4"	-	M25 x 1,5	Pg 21	3/4" NPT	5	817.720.0	1,0
-	1"	-	M32 x 1,5	Pg 29	1" NPT	5	817.726.0	1,2
-	1.1/4"	-	M40 x 1,5	Pg 36	1.1/4" NPT	2	817.735.0	2,0
-	1.1/2"	-	M50 x 1,5	Pg 42	1.1/2" NPT	2	817.740.0	4,2
-	2"	-	M63 x 1,5	Pg 48	2" NPT	2	817.750.0	9,0

### ISO straight compact fitting, male, nickel plated brass (without clampingring)



Thread	SLB 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	5/16"	8,3	30	10	26	-	24	10	712.015.0	4,4
M20 x 1,5	5/16"	8,3	30	10	26	-	24	10	712.014.0	4,5
M16 x 1,5	3/8"	11,0	31	10	26	-	24	10	712.016.1	3,9
M20 x 1,5	3/8"	11,0	31	10	26	-	24	10	712.017.1	4,0
M20 x 1,5	1/2"	14,5	32	10	29	-	27	10	712.020.1	4,4
M25 x 1,5	3/4"	19,4	33	10	35	-	33	5	712.025.1	6,6
M32 x 1,5	1"	24,7	36	12	45	-	42	5	712.032.1	11,7
M40 x 1,5	1.1/4"	33,3	40	13	53	-	50	2	712.040.1	16,0
M50 x 1,5	1.1/2"	38,0	46	14	62	-	58	2	712.050.1	25,3
M63 x 1,5	2"	49,0	52	16	76	-	72	2	712.063.1	38,6