

Anaconda Multiflex conduit

TYPE UI



VERY ROBUST, EXTREMELY FLEXIBLE AND CORROSION RESISTANT

Anaconda Multiflex type UI is the stainless steel version of type UIG. Extremely flexible and robust, this fully interlocked, stainless steel AISI-304 in addition to having excellent tensile, torsional and crush strength, it is also high corrosion and oxidation resistant. It is an optimal choice for protection of cables in dynamic motions. Typical applications include: robots in steel and automotive plants, foundries, die casting and metalworking machines, closed circuit TV (CCTV) security recording systems and video cameras, passenger information systems, door locking systems and rail sector.

Material & Construction:

Construction: Stainless steel core (AISI-304), fully inter locked.

Special flame properties: Because the UI conduit hose has no cover the flame properties according the following standards 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: -100 °C till +600 °C.

Colour: Metal coloured.

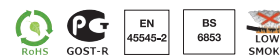
Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 5, Very Heavy (4000 N).

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

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

Protection class: IP 40.



Inter locked

UI	DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL		WEIGHT (kg/m)
	Size (inch)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No.	Metre	Article No.	Metre	
5/16"	9,5	12,5	50	60	30	512.010.0	-	-	-	-	0,17
3/8"	13	16	65	80	30	512.012.0	-	-	-	-	0,27
1/2"	17	21	75	100	30	512.016.0	-	-	-	-	0,34
3/4"	22	26	90	125	30	512.022.0	-	-	-	-	0,37
1"	26	30	120	160	30	512.025.0	-	-	-	-	0,53
1 1/4"	34	39	175	220	30	512.034.0	-	-	-	-	0,73
1 1/2"	40,3	44,4	230	280	15	512.040.0	-	-	-	-	0,87
2"	51,6	55,7	285	340	15	512.050.0	-	-	-	-	1,34

The fittings for Multiflex UI are outlined on pages 1 - 31 till 1 - 41

UI	-	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
ISO	-	M16 - M20	M16 - M20	M20	M25	M32	M40	M50	M63
PG	-	09 - 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"