

Anaconda Multiflex conduit

TYPE UIG



VERY ROBUST AND EXTREMELY FLEXIBLE

Anaconda Multiflex type UIG is a flexible, fully interlocked, galvanized steel conduit that has excellent tensile, torsional and crush strength. It is an excellent choice in demanding applications requiring a high degree of mechanical and thermal protection against hot metal swarf and chips and other potentially damaging materials. Typical applications include: robots in steel and automotive plants, foundries, die casting and metalworking machines.

Material & Construction:

Construction: Galvanised steel core, fully inter locked.

Temperature: -55 °C till +300 °C.

Colour: Metal coloured.

Classification according 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

UIG	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	515.010.0	-	-	-	-	0,12
3/8"	13	16	65	80	30	515.012.0	-	-	-	-	0,2
1/2"	17	21	75	100	30	515.016.0	-	-	-	-	0,3
3/4"	22	26	90	125	30	515.022.0	-	-	-	-	0,4
1"	26	30	120	160	30	515.025.0	-	-	-	-	0,47
1.1/4"	34	39	175	220	30	515.034.0	-	-	-	-	0,67
1.1/2"	40,3	44,4	230	280	15	515.040.0	-	-	-	-	0,73
2"	51,6	55,7	285	340	15	515.050.0	-	-	-	-	1,6
2.1/2"	63,3	67,4	350	400	7,5	515.063.0	-	-	-	-	1,9
3"	78,4	84,2	430	600	7,5	515.075.0	-	-	-	-	2,4
4"	102,1	108	490	700	7,5	515.099.0	-	-	-	-	3,1

* On demand the UIG conduit in the sizes 1.1/2" and 2" can be ordered in production reels having variable lengths, in this case the codes change as following: 1.1/2" = 109.040.0 and 2" = 109.050.0.

The fittings for Multiflex UIG are outlined on pages 1 - 31 till 1 - 39

UIG	-	5/16"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"
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"	2.1/2"	3"	4"