



**Multiflex UI:**  
**Mechanically strong, extra flexible and extra corrosion resistant.**

Type UI is being used in heavy robotics but also in the steel and aluminium foundry industry, machine- and apparatus building, off-shore, security, metal, glass and ceramics industry.

**Material & Construction:**

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

**Temperature:** -100 °C to +600 °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.



**ANACONDA  
 MULTIFLEX**

**CONDUIT  
 TYPE  
 UI**

UI	Diametre		Bending radius		Standard carton		Small carton		Reels		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"	13,0	16,0	65	80	30	512.012.0	-	-	-	-	0,27
1/2"	17,0	21,0	75	100	30	512.016.0	-	-	-	-	0,34
3/4"	22,0	26,0	90	125	30	512.022.0	-	-	-	-	0,37
1"	26,0	30,0	120	160	30	512.025.0	-	-	-	-	0,53
1.1/4"	34,0	39,0	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

\* On demand also available in sizes over 2".

The fittings for Multiflex UI are outlined on pages 1-14 till 1-22.



Size UI	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"