

ANACONDA MULTIFLEX instrumentation conduit type U.I.S.

U.I.S.: Mechanically strong & corrosion resistant

The U.I.S. conduit is basically designed for telephone armour protection. This application demands high characteristics in tensile strength and corrosion resistance. Through the fully inter-locked construction and therefore extremely high compression- and impact-resistance, type U.I.S. is often used for applications where next to flexibility also mechanical protection and excellent heat and corrosion resistance is required. Type U.I.S. is being used in the heavy applications, public phone boxes, headphone- and microphone wire protection but also in the machine and apparatus building, robotics and security.



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

Temperature : -100°C till +600°C.

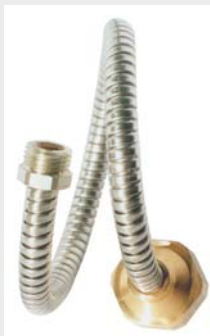
Colour : Metal coloured.



Trade size UIS	Inch	4,5	5	5,5	6	7	8
Fittings	ISO	-	-	M10	-	-	M12/M16
	PG	-	-	7/9	-	-	7/9

Inside diameter	mm	4,5	5,0	5,5	6,0	7,0	8,0	
Outside diameter	mm	7,5	8,0	8,5	9,0	10,0	11,0	
Bending radius (centerline)	static	mm	35	35	40	40	45	45
	dynamic	mm	45	45	50	50	55	55
Min. order quantity	m	100	100	100	100	100	100	
Article No.		575.145.0	575.004.0	575.040.0	575.060.0	575.045.0	575.840.0	

The U.I.S. is in principle not a standard product but a conduit adjusted to customer specifications. In the past years a variety of different executions has been made. Below a small selection of the fitting combinations Anamet Europe B.V. can offer. In principle every combination and assembly can be arranged by Anamet Europe B.V..



Conduit type 575.040.0
Straight fitting female
M 10 x 1,0
Material: AISI 303



Conduit type 575.840.0
Straight fitting with male
PG 7 / PG 9 / M 10 x 1,0
Material: AISI 303



Conduit type 575.040.0
Straight fitting with male
PG 7 / M 10 x 1,0
Material: AISI 303



Conduit type 575.840.0
Straight swivel fitting male
M 12x 1,5 / M 16 x 1,5
Materiaal: AISI 303

ANAMET fittings for U.I.S.

These IP 40 straight fittings from stainless steel have a temperature range from -100°C till +600°C. Also available in nickel/plated brass (temperature range -45°C till +250°C) with ISO and PG thread. Mentioned fittings are not a stock item, and have a delivery time of 4 till 6 weeks.

In combination with the instrumentation conduit the complete assemblies on specification have a leadtime of 6 till 8 weeks. Mentioned conduits are stock item.