

Anaconda Multiflex conduit

TYPE RWS



UL LISTED, HEAVY DUTY AND CORROSION RESISTANT

The construction of the Reduced Wall Steel conduit is a galvanised steel, continuous interlocked, conduit. Due to its round form, the compression and impact resistance is very high. The RWS complies to the heavy UL-1 standard and is suitable for applications where besides flexibility a high mechanical resistance is demanded. The RWS is frequently used in heavier applications in the machine and apparatus-building and in elevators, escalators, wheelchair lifts, enclosed motor leads, where an UL-1 listed approval is required.

Material & Construction:

Construction: Continuously interlocked, zinc-coated steel strip.

Special approvals: Meets the requirements of UL -1 (file # E 98045). Complies with article 348, NEC. Permitted to be used in exposed and concealed locations (article 348.10); enclosed

motor leads (article 430.245(B); elevators, escalators, wheelchair lifts (article 620.21). Not suitable for wet locations.

Temperature: -45 °C till +230 °C.

Colour: Metal coloured.

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 4, Heavy (1250 N).

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

Tensile strength: Class 3, Medium (500 N).

Protection class: IP 40.



Continuously inter locked

RWS	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	
3/8"	9,8	14,9	60	85	30	332.112.1	-	-	-	-	0,27
1/2"	16,1	22,6	90	140	30	332.116.1	-	-	-	-	0,42
3/4"	20,9	27,3	115	165	30	332.120.1	-	-	-	-	0,49
1"	25,9	34	145	225	15	332.126.1	-	-	-	-	0,76
1 1/4"	32,4	40,4	180	270	15	332.135.1	-	-	-	-	0,94
1 1/2"	39,1	48,3	215	300	7,5	332.140.1	-	-	-	-	1,13
2"	51,8	61	285	390	7,5	332.150.1	-	-	-	-	1,49

The fittings for Multiflex RWS are outlined on 1 - 49 till 1 - 50

RWS	1/4"	5/16"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
ISO	-	-	-	-	-	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-	-	-	-	-	-
NPT	-	-	1/2"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	-	-	-

1 Piece fittings for RWS / RWA, IP 40, zinc die cast



ANAMET ZINC DIE CAST FITTINGS FOR MULTIFLEX RWS / RWA

These zinc die cast fittings are light in weight and corrosion resistant. They are certified according to UL (for 3/8" size also CSA) for use in combination with uncovered metal flexible conduit type RWS (Reduced Wall Steel) and RWA (Reduced Wall Aluminum).

Material & Construction:

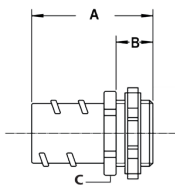
Construction: Zinc die cast fitting, consisting of 1 piece.

Material: Zinc die cast.

Temperature: -55 °C till +300 °C continuous.

Protection class: IP 40.

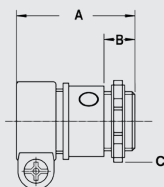
Colour: Metal coloured.



NPT straight fitting, male, zinc die cast (including NPT lock nut)



THREAD NPT	RWA SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
1/2" NPT	3/8"	7,8	33	11	23	-	-	50	296.112.5	2,0
1/2" NPT	1/2"	11,7	35	12	23	-	-	50	296.116.5	2,2
3/4" NPT	3/4"	16,8	41	12	29	-	-	25	296.120.5	3,6

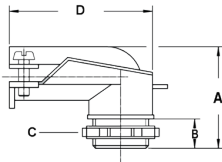


NPT straight fitting, male, zinc die cast (including NPT lock nut)



THREAD NPT	RWA SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
1/2" NPT	3/8"	9,8	26	11	28	-	-	25	296.012.0	2,6
1/2" NPT	1/2"	13,7	36	11	36	-	-	25	296.016.0	3,4
3/4" NPT	3/4"	18,8	39	11	40	-	-	25	296.020.0	5,4
1" NPT	1"	23,8	45	14	50	-	-	10	296.026.0	7,8
1.1/4" NPT	1.1/4"	31,6	49	16	57	-	-	10	296.035.0	8,2
1.1/2" NPT	1.1/2"	36,8	53	18	64	-	-	5	296.040.0	8,9
2" NPT	2"	48,0	60	19	78	-	-	5	296.050.0	11,4

1 PIECE FITTINGS FOR RWS / RWA, IP 40, ZINC DIE CAST



NPT 90° fitting, male, zinc die cast (including NPT lock nut)



THREAD NPT	RWA SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
1/2" NPT	3/8"	9,8	28	9	44	28	-	25	296.912.0	3,6
1/2" NPT	1/2"	13,7	38	10	54	36	-	25	296.916.0	5,8
3/4" NPT	3/4"	18,8	42	11	61	40	-	25	296.920.0	7,2
1" NPT	1"	23,8	59	14	73	50	-	10	296.926.0	8,9
1 1/4" NPT	1 1/4"	31,6	70	16	102	57	-	10	296.935.0	9,6
1 1/2" NPT	1 1/2"	36,8	95	19	152	64	-	5	296.940.0	11,2
2" NPT	2"	48	102	19	152	78	-	5	296.950.0	15,4



Insulation bushing for conduit RWA (to be used a end-cap)



THREAD NPT	RWA SIZE (INCH)	MIN. INTERNAL BORE (MM)	DIMENSIONS IN MM					STANDARD PACKAGE	ARTICLE NUMBER	WEIGHT (KG/100)
			A	B	C	D	E			
-	3/8"	-	-	-	-	-	-	1000	296.412.0	0,03
-	1/2"	-	-	-	-	-	-	1000	296.216.0	0,05
-	3/4"	-	-	-	-	-	-	1000	296.220.0	0,07