

Ana-Quick polyamide conduit

PA12S BLACK



SPECIAL MODEL FOR FREQUENT MOVEMENTS

Type PA12S is a special polyamide conduit for frequent movements. The PA12S is applicable for circumstances, where frequent movements occur, such as in dynamic machinery and robotics.

Material & Construction:

Construction: Corrugated conduit from modified polyamide PA12, UV resistant, halogen free.

Flame properties: Flame-retarding UL-94 HB.

Resistant against: Alcohol, grease, fuels, mineral oils, weak bases and weak acids.

Temperature: -40 °C till +100 °C, intermittent up to +130 °C.

Colour: Black (grey is available on request).

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 2, Light (320 N).

Impact resistance: Class 2, Light (1 J).

Tensile strength: Class 2, Light (250 N).

Protection class: IP 67 (dust-proof, water-tight).



Normal profile "standard wall"

ANA-QUICK		DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL	WEIGHT
Size (dn)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
10	9,9	13	20	60	50	802.510.0	-	-	-	-	0,02
12	12,2	15,7	30	90	50	802.512.0	-	-	-	-	0,03
17	16,6	21,2	45	135	50	802.517.0	-	-	-	-	0,055
23	23,2	28,3	55	165	50	802.523.0	-	-	-	-	0,085
29	29	34,5	65	195	25	802.529.0	-	-	-	-	0,126
37	36	42,4	90	270	25	802.536.0	-	-	-	-	0,187
50	47,7	54	100	300	25	802.548.0	-	-	-	-	0,217

The fittings for Ana-Quick Profi are outlined in this chapter on pages 9 - 13 till 9 - 25

ANA-QUICK	7,5	10	12	17	23	29	37	50
ISO	M12	M12 - M16	M16 - M20	M20 - M25	M25	M32	M40	M50 - M63
PG	7	7 - 9 - 11	11 - 13,5	13,5 - 16	21	29	36	48
NPT	-	-	-	-	-	-	-	-

Ana-Quick polyamide conduit

PP MOD BLACK



LIGHT MODEL, FOR LIGHT AND MEDIUM MECHANICAL STRENGTH

The PP Mod is applicable for standard circumstances and for low movements. The PP Mod is used in light machines and in the vehicle industry, specifically static applications.

Material & Construction:

Construction: Corrugated conduit from modified polypropylene (PP), UV resistant.

Flame properties: Self-extinguishing UL- 94 V2.

Resistant against: Alcohol, grease, fuels, mineral oils, weak bases and weak acids.

Temperature: -40 °C till +135 °C, intermittent up to +150 °C.

Colour: Black.

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 1, Very Light (125 N).

Impact resistance: Class 1, Very Light (0,5 J).

Tensile strength: Class 1, Very Light (100 N).

Protection class: IP 67 (dust-proof, water-tight).



Normal profile "thin wall"

ANA-QUICK		DIAMETRE		BENDING RADIUS [CL]		STANDARD CARTON		SMALL CARTON		REEL	WEIGHT
Size [dn]	Inside [mm]	Outside [mm]	Static [mm]	Dynamic [mm]	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
4,5	5	7,1	8	32	100	802.805.0	-	-	9000	802.805.5	0,01
6	6	9,2	10	40	100	802.806.0	-	-	5000	802.806.5	0,012
7,5	6,9	9,9	11	44	50	802.807.0	-	-	5000	802.807.5	0,013
10	10,1	12,7	17	68	50	802.810.0	-	-	3000	802.810.5	0,015
12	12	15,6	25	100	50	802.812.0	-	-	2000	802.812.5	0,021
14	14,5	18,3	30	120	50	802.814.0	-	-	1700	802.814.5	0,023
17	16,8	21	38	152	50	802.817.0	-	-	1300	802.817.5	0,031
19	19,4	24	44	176	50	802.819.0	-	-	1000	802.819.5	0,042
23	23,7	28	50	200	50	802.823.0	-	-	700	802.823.5	0,055
26	26,4	31,3	56	224	50	802.826.0	-	-	600	802.826.5	0,068
29	29,3	33,9	60	240	25	802.829.0	-	-	500	802.829.5	0,07
37	36,7	42	80	320	25	802.836.0	-	-	300	802.836.5	0,088
50	47,8	53,6	90	360	25	802.848.0	-	-	200	802.848.5	0,12

* Also available in slitted execution (article number 802.xxx.7 for standard cartons).

The fittings for Ana-Quick Profi are outlined in this chapter on pages 9 - 13 till 9 - 25

ANA-QUICK	7,5	10	12	17	23	29	37	50
ISO	M12	M12 - M16	M16 - M20	M20 - M25	M25	M32	M40	M50 - M63
PG	7	7 - 9 - 11	11 - 13,5	13,5 - 16	21	29	36	48
NPT	-	-	-	-	-	-	-	-

Ana-Quick polyamide conduit

PA6 DUO BLACK



STANDARD DUO MODEL, FOR MEDIUM AND HEAVY MECHANICAL STRENGTH

The DUO PA6 is applicable for circumstances where intermediate repair is expected. Also for repair afterwards or when wires or cables have to be replaced type DUO PA6 is a perfect solution. Another feature of type DUO PA6 is the fact that the standard Ana-Quick Profi fittings can be used. Type DUO PA6 is used in medium and heavy machines, in computer installations, in cabinet building, hospital-building, packaging-machines and the transportation area.

Material & Construction:

Construction: Corrugated conduit from modified polyamide PA6 in slitted execution, UV resistant, halogen free.

Flame properties: Class HB, according UL-94, flame-retarding.

Resistant against: Alcohol, greases, fuels, mineral oils, weak bases and weak acids.

Temperature: -40°C till +120°C, intermittent up to +150°C.

Colour: Black.

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 3, Medium (750 N).

Impact resistance: Class 3, Medium (2 J).

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

Protection class: IP 54.



Normal profile "double wall"

ANA-QUICK		DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL	WEIGHT
Size (dn)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
7,5	5,6	10,3	25	45	50	802.907.0	-	-	-	-	0,025
10	8,5	13,3	33	90	50	802.910.0	-	-	-	-	0,036
13	11	16	35	135	50	802.913.0	-	-	-	-	0,053
16	13	19	42	180	50	802.916.0	-	-	-	-	0,061
17	15,5	21,5	45	210	50	802.917.0	-	-	-	-	0,068
22	19,1	25,6	55	230	50	802.922.0	-	-	-	-	0,098
23	21,9	28,5	68	240	50	802.923.0	-	-	-	-	0,104
26	24	31,7	80	270	25	802.926.0	-	-	-	-	0,122
29	27,2	35	120	360	25	802.929.0	-	-	-	-	0,155
37	32	42,5	145	400	25	802.936.0	-	-	-	-	0,195
50	43,9	53,9	150	450	25	802.948.0	-	-	-	-	0,262

The fittings for Ana-Quick Profi are outlined in this chapter on pages 9 - 13 till 9 - 25

ANA-QUICK	7,5	10	12	17	23	29	37	50
ISO	M12	M12 - M16	M16 - M20	M20 - M25	M25	M32	M40	M50 - M63
PG	7	7 - 9 - 11	11 - 13,5	13,5 - 16	21	29	36	48
NPT	-	-	-	-	-	-	-	-

Ana-Quick polyamide conduit

PP MOD DUO BLACK



LIGHT DUO MODEL, FOR LIGHT MECHANICAL STRENGTH

The DUO PP-MOD is applicable for circumstances where intermediate repair is expected. Also for repair afterwards or when wires or cables have to be replaced type DUO PP-MOD is a perfect solution. Another feature of type DUO PP-MOD is the fact that the standard Ana-Quick Profi fittings can be used. Type DUO PP-MOD is used in the automotive industry and the transportation area.

Material & Construction:

Construction: Corrugated conduit from modified polypropylene PP, in slitted duo execution.

Flame properties: Class V2, according UL-94, flame-retarding.

Resistant against: Alcohol, greases, fuels, mineral oils, weak bases and weak acids.

Temperature: -40°C till +135°C, intermittent up to +150°C.

Colour: Black.

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 2, Light (320 N).

Impact resistance: Class 2, Light (1 J).

Tensile strength: Class 2, Light (250 N).

Protection class: IP 54.



Normal profile "double wall"

ANA-QUICK		DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL	WEIGHT
Size (dn)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
7,5	5,6	10,3	25	45	50	802.207.0	-	-	-	-	0,02
10	8,5	13,3	28	90	50	802.210.0	-	-	-	-	0,028
13	11	16	35	135	50	802.213.0	-	-	-	-	0,037
16	13	18,9	40	180	50	802.216.0	-	-	-	-	0,051
17	15,1	21,3	45	210	50	802.217.0	-	-	-	-	0,056
22	19,6	25,4	55	230	50	802.222.0	-	-	-	-	0,07
23	21,6	28,1	60	240	50	802.223.0	-	-	-	-	0,09
26	24	31,5	65	270	25	802.226.0	-	-	-	-	0,106
29	26,6	34,4	100	300	25	802.229.0	-	-	-	-	0,128
37	31,8	42,7	120	360	25	802.236.0	-	-	-	-	0,15
50	43,9	53,9	140	420	25	802.248.0	-	-	-	-	0,225

The fittings for Ana-Quick Profi are outlined in this chapter on pages 9 - 13 till 9 - 25

ANA-QUICK	7,5	10	12	17	23	29	37	50
ISO	M12	M12 - M16	M16 - M20	M20 - M25	M25	M32	M40	M50 - M63
PG	7	7 - 9 - 11	11 - 13,5	13,5 - 16	21	29	36	48
NPT	-	-	-	-	-	-	-	-

Ana-Quick polyamide conduit

PP UV DUO BLACK



LIGHT DUO MODEL, FOR LIGHT MECHANICAL STRENGTH

The DUO PP-UV is applicable for circumstances where intermediate repair is expected. Also for repair afterwards or when wires or cables have to be replaced type DUO PP-UV is a perfect solution. Another feature of type DUO PP-UV is the fact that the standard Ana-Quick Profi fittings can be used. Type DUO PP-UV is used in light machines, in packaging-machines and the transportation area.

Material & Construction:

Construction: Corrugated conduit from modified poly-propylene PP, UV resistant, in slitted duo execution.

Flame properties: Class V2, according UL-94, flame-retarding.

Resistant against: Alcohol, greases, fuels, mineral oils, weak bases and weak acids.

Temperature: -40°C till +100°C, intermittent up to +125°C.

Colour: Black.

Classification according to NEN-EN-IEC 61386:

Compression resistance: Class 2, Light (320 N).

Impact resistance: Class 2, Light (1 J).

Tensile strength: Class 2, Light (250 N).

Protection class: IP 54.



Normal profile "double wall"

ANA-QUICK		DIAMETRE		BENDING RADIUS (CL)		STANDARD CARTON		SMALL CARTON		REEL	WEIGHT
Size (dn)	Inside (mm)	Outside (mm)	Static (mm)	Dynamic (mm)	Metre	Article No. black	Metre	Article No. black	Metre	Article No. black	(kg/m)
7,5	5,6	10,3	25	45	50	802.307.0	-	-	-	-	0,02
10	8,5	13,3	28	90	50	802.310.0	-	-	-	-	0,022
13	11	16	35	135	50	802.313.0	-	-	-	-	0,04
16	13,3	18,9	40	180	50	802.316.0	-	-	-	-	0,054
17	15,1	21,3	45	210	50	802.317.0	-	-	-	-	0,06
22	19,6	25,4	55	230	50	802.322.0	-	-	-	-	0,078
23	21,6	28,1	60	240	50	802.323.0	-	-	-	-	0,098
26	24	31,5	65	270	25	802.326.0	-	-	-	-	0,112
29	26,6	34,4	100	300	25	802.329.0	-	-	-	-	0,134
37	31,8	42,7	120	360	25	802.336.0	-	-	-	-	0,163
50	43,9	53,9	140	420	25	802.348.0	-	-	-	-	0,245

The fittings for Ana-Quick Profi are outlined in this chapter on pages 9 - 13 till 9 - 25

ANA-QUICK	7,5	10	12	17	23	29	37	50
ISO	M12	M12 - M16	M16 - M20	M20 - M25	M25	M32	M40	M50 - M63
Pg	7	7 - 9 - 11	11 - 13,5	13,5 - 16	21	29	36	48
NPT	-	-	-	-	-	-	-	-