



Air/Fumes



Special Products

A-TUBE NYLON 11 SPRING

Properties

- spiral hose made of Bio-Polyamide 11, the only existing of vegetable origin derived from castor oil
- available in 12 different colours
- excellent physical-thermal and chemical properties of the raw material used
- raw material has been manufactured to meet the requirements of DIN 73378/74324 PHL (plasticized for excellent resistance to temperature and light).

Applications

- industrial market
- workshop: pneumatic and hydraulic use

Construction

- Bio-Polyamide 11 hose
- smooth bore

Table of pressures

- table of pressures values expressed as a % in relation to operating temperature

20°	30°	40°	50°	60°	70°	80°
100%	83%	72%	64%	58%	52%	47%

DIN74324 Ø6X4 PA11 PHL * 120117

Code - A8N10....
Base Material - PA11
Operating Temperature - -20 ÷ +60 C°
Pressure - 12,2 ÷ 44,6 bar
Vacuum - n.d.
Diameter Range - 4 ÷ 24 mm
Key Feature - colored on request


inner Ø	outer Ø	working pressure	bursting pressure	weight
mm	mm	bar	bar	g/m
4	2	44,6	134,8	9,89
4	2,5	31,4	93,2	8,04
6	4	27,4	81,1	16,49
8	6	19,3	57,8	23,08
10	8	15,2	44,6	29,67

spirals lenght		
linear hoses	out of work	working lenght
mt	mm	mt
10	460	6,5
10	400	6,5
10	460	6,5
10	400	6,5
25	870	16
30	950	20
25	1000	16
30	1000	20
25	950	16
30	1000	20

spiral Ø
inside/outside
mm
20 ÷ 28
30 ÷ 38
20 ÷ 28
30 ÷ 38
50 ÷ 62
55 ÷ 67
60 ÷ 76
70 ÷ 86
80 ÷ 100
90 ÷ 110

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inner Ø	outer Ø	working pressure	bursting pressure	weight
mm	mm	bar	bar	g/m
12	10	12,2	36,5	36,27
15	12	15,2	44,6	65,81
16	12	19,3	57,8	91,00
18	14	17,2	50,7	104,00
18	15	12,2	36,5	80,44
22	18	13,2	40,5	130,00
24	20	12,2	36,5	143,00

spirals lenght			spiral Ø
linear hoses	out of work	working lenght	inside/outside
mt	mm	mt	mm
30	1000	20	110 ÷ 134
30	920	20	150 ÷ 180
30	880	20	160 ÷ 192
30	970	20	160 ÷ 196
30	970	20	160 ÷ 196
60	980	40	400 ÷ 444
25	950	18	200 ÷ 248
50	980	35	400 ÷ 448

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