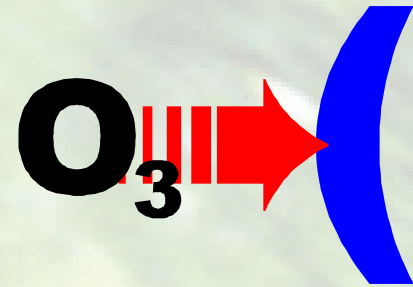


## Python - Technology leader

### Resistance to aging

Python hose is made up of premium rubber compounds resistant to the degrading action of sun, bad weather and oxidation caused by ozone (persisting in the air). Various and heavy aging tests, carried out in laboratory, and the excellent performance in the most different applications, prove the high quality level of such hose, thus ensuring a long life.

In order to allow immediate identification of the different levels of operating pressure, Python hose is available in green and yellow colours. Particular attention is paid to the rubber pigmentation system so as to provide bright, fast and not-easily-getting-dirty colours.



### Flexibility

The Python hose flexibility is excellent and unchanged over the years.

Easily handy, it totally adjusts itself to the use environment.



### Antistatic

The Python hose is made up of antistatic rubber compounds preventing any possible and dangerous accumulation of electric charges.

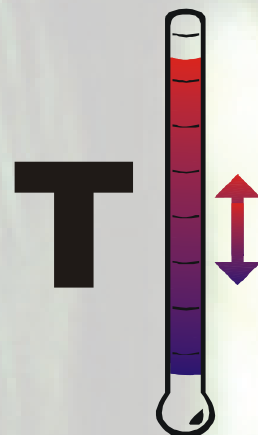
Considerably important characteristic in terms of safety.

### Resistance to high and low temperature

Heat is another element speeding up aging and quality decay. The Python hose is suitable to work under temperatures of 110°C and even peaks of 130°C.

Thanks to the very low temperatures of crystallization of the rubber compounds used, the Python hose can be used even under environment temperatures of -40°C.

Even under such extreme conditions the elasticity and solidity characteristics are definitely unchanged.



## Python Multipurpose Hose

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## Applications

### Irrigation and spraying in agriculture and greenhouses



Fluid: Water and medium/low aggressive herbicides and pesticides (water solutions only).

### Compressors and pneumatic tools



Fluid: Compressed air

### Cleaning and general industrial applications



Fluid: Hot water and medium/low aggressive detergents

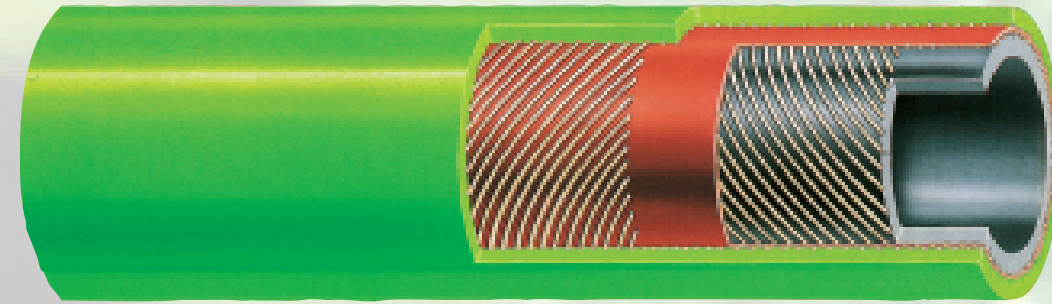
### Irrigation of sports facilities and parks



Fluid: Water

The Python hose is also suitable to convey different chemical solutions such as medium/low concentration acids and bases. For any special applications refer to our technical department.

## Python NV 10



**Black, antistatic, smooth EPDM rubber tube, synthetic textile yarns reinforcement, and smooth EPDM rubber cover green (NV) or yellow (NY) that identifies two different working pressures: 10 and 15 bar.**

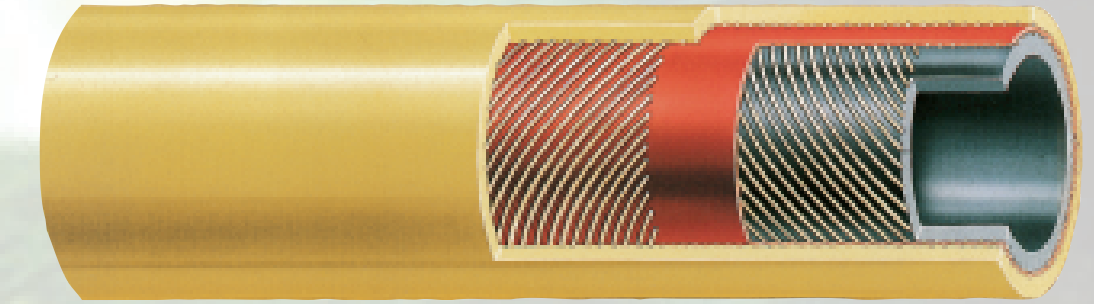
### Standard Lengths

Minimum lengths: 20 m.  
Maximum lengths  
– up to and including I.D. 25 mm: 40/80 m;  
– from I.D. 25 to 63.5 mm: 40 m;  
– for bigger I.D.: 20 m.

On request 40 m lengths for sizes up to I.D. 100 mm.

Inside Diameter	Outside Diameter	Pressure rating				Min. bend radius mm	Weight kg/m
		Working pressure max.		Burst pressure min.			
mm	mm	MPa	bar	MPa	bar		
10	17	1.0	10	4.0	40	60	0.21
13	20	1.0	10	4.0	40	80	0.26
15	22	1.0	10	4.0	40	90	0.29
19	27	1.0	10	4.0	40	110	0.41
25	34	1.0	10	4.0	40	150	0.60
32	44	1.0	10	4.0	40	320	0.99
38	52	1.0	10	4.0	40	380	1.35
40	54	1.0	10	4.0	40	400	1.41
42	56	1.0	10	4.0	40	420	1.47
45	59	1.0	10	4.0	40	450	1.56
50	65	1.0	10	4.0	40	500	1.85
60	76	1.0	10	4.0	40	600	2.32
65	81	1.0	10	4.0	40	650	2.49
75	93	1.0	10	4.0	40	750	3.11
100	122	1.0	10	4.0	40	1000	5.04

## Python NY 15



### Tolerances

ISO 1307/92 tolerances for inside diameters up to and including 25 mm.

*On inside diameter*  
– up to and including I.D. 5 mm: ± 0,60 mm  
– from I.D. 5.1 mm to I.D. 20 mm: ± 0,80 mm  
– ab ID 20,1 mm bis ID 25 mm : ± 1,20 mm

*On outer diameter*  
– up to and including O.D. 13 mm: ± 0,80 mm  
– from O.D. 14 mm to O.D. 20 mm: ± 1,00 mm  
– from O.D. 21 mm to O.D. 25 mm: ± 1,20 mm

RMA steel mandrel tolerances for inside diameters from 32 mm.

*On inside diameter*  
– up to and including I.D. 38 mm: ± 0.79 mm  
– for bigger I.D.: ± 1.59 mm

*On outer diameter:* ± 1.59 mm

*Length tolerance:* ± 1%

Inside Diameter	Outside Diameter	Pressure rating				Min. bend radius mm	Weight kg/m
		Working pressure max.		Burst pressure min.			
mm	mm	MPa	bar	MPa	bar		
6	14	1.5	15	6.0	60	40	0.18
8	17	1.5	15	6.0	60	50	0.25
10	20	1.5	15	6.0	60	60	0.33
13	23	1.5	15	6.0	60	80	0.40
16	27	1.5	15	6.0	60	100	0.53
19	30	1.5	15	6.0	60	110	0.60
25	37	1.5	15	6.0	60	150	0.82
32	44	1.5	15	6.0	60	320	0.98
38	52	1.5	15	6.0	60	380	1.35
40	54	1.5	15	6.0	60	400	1.41
42	56	1.5	15	6.0	60	420	1.47
50	65	1.5	15	6.0	60	500	1.82
60	76	1.5	15	6.0	60	600	2.26
65	83	1.5	15	6.0	60	650	2.75
75	93	1.5	15	6.0	60	750	3.11
80	100	1.5	15	6.0	60	800	3.69
100	122	1.5	15	6.0	60	1000	5.02