Python Technology leader

Over the course of time Python has come to the fore as a premium quality rubber hose range. Python is now synonymous with a prestigious and attractive hose product of high quality. Parker has now introduced a new upgraded version of Python for 20 and 30 bar - but the story does not end there!

In addition to the existing features such as:
- high ozone resistance
- antistatic
- low temperature
- non-staining cover
- high flexibility

More than ever, Python hoses are the best multipurpose hoses for industrial applications. More than ever, Python hoses are the best multipurpose hoses for industrial applications.

Parker has added these additional new benefits:
- increase of temperature resistance to +130 °C with peaks to +140 °C
- more flexibility and colour stability
- brand updated

Resistance to ageing and high and low temperature

hose is made up from premium rubber compounds resistant to the degrading action of sun, weather and oxidation caused by the ozone present in air. A cavity of tough ageing tests carried out in the laboratory and excellent performances in a wide range of applications have proved the high quality levels of these products, leading of course to a long hose 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 has been paid to the rubber pigmentation system so as to provide lengths, feet and not easy-to-get dirty colours.

Resilience to high and low temperature

hose has an another element spreading up ageing and quality deterioration. Python hoses are suitable for working up to temperatures 125 °C and even peaks of 140 °C. Thanks to the very low temperatures of crystallization of the rubber compounds used, Python hose can be used even at environmental temperatures -40 °C. Even under such extreme climatic conditions the elasticity and solubility characteristics are definitely unchanged.

Flexibility

Python hose flexibility is excellent and unchanged over the years. Each batch, it usually adjusts itself to the environment application.

Antistatic

Python hose is made up of antistatic rubber compounds preventing any possibly dangerous accumulation of electric charge. This of course, is a very important safety feature.

Applications

Cover

Green, smooth EPDM nitrosamine-free rubber compound

Applications

Designed for air, cold and hot water and light chemical media.

Temperature range

-40 °C (-40 °F) to +120 °C (+248 °F) with peaks to +140 °C (+284 °F)

Standard Lengths

Minimum length

Maximum lengths

Tube

Black, antistatic, smooth EPDM nitrosamine-free rubber compound, resistant to light chemical media.

Reinforcement

Synthetic textile yarns.

RMA steel mandrel tolerances

On inside diameter ± 0,70 mm

On outer diameter ± 1,20 mm

Length tolerance ± 0,0 %

Assembly

For temperature > 80 °C use hose shank with interference of 1 – 2 mm.

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Part Number

IH30351200/40

I.D. 20.1 - 25 mm ± 1,20 mm

I.D. 5.1 - 20 mm ± 0,80 mm

I.D. 5 mm  ± 0,60 mm

Standard Lengths

Minimum length

Maximum lengths

Assemble

One coupling with standard hose shank with interference of 1 – 2 mm.

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Temperature range

-60 °C (-76 °F) to +120 °C (+248 °F) with peaks to +140 °C (+284 °F)

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Compressors and pneumatic tools
Fluid: compressed air

Irrigation and spraying
in agriculture
Fluid: water, medium and low aggression herbicides and pesticides (water-based solutions only)

Irrigation of sports facilities and parks
Fluid: water

Cleaning and general industrial applications
Fluid: hot water, medium and low aggression detergents

Cleaning on board in aggressive marine environments
Fluid: water, cleaning medium

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

Sales Offices

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Python Hose

Python Hose is a Premium Technology Multipurpose Hoses

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Your local authorized Parker distributor

Edition April 2008 / Bulletin BUL 4401-B11-UK
Edition: April 2008 / Bulletin BUL 4401-B11-UK
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