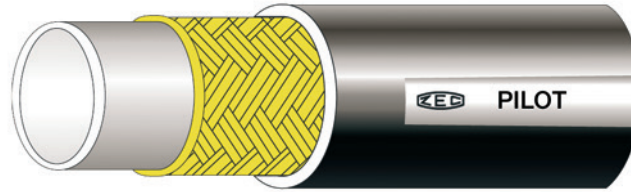


# THERMOPLASTIC HOSES PILOT SERIES

Constant pressure 120 bar - 恒压120bar



## PILOT系列钢编织软管的技术特点

Technical features of the PILOT series hoses with steel braid reinforcement

### 数据表-热塑性软管PILOT系列

### DATA SHEET - THERMOPLASTIC HOSES PILOT SERIES

参考 Reference	Ø				温度在 23°C PRESSURE AT 23°C	压力 PRESSURE	内径 RADIUS		重量 Weight (g/m)	金属箍代码 Ferrule Code
	内径 internal (inch)	内径 internal (mm)	外径 external (inch)	外径 external (mm)	爆破 (最小) min. Burst (bar)	工作 (最大) Working max. (bar)	弯曲 (最小) min. Bend (mm)	弯曲 (最小) min. Bend (inch)		
PLH120000	3/16"	4.8	0.374	9.5	480	120	20	0.79	95	BP316R7
PLH130000	1/4"	6.4	0.440	11.2	480	120	25	0.98	126	BP14R7
PLH140000	5/16"	8.0	0.520	13.2	480	120	30	1.18	180	BP516R7V
PLH150000	3/8"	9.7	0.583	14.8	480	120	40	1.57	220	BP38R7V

#### 技术构造特征：

热塑性聚酯内芯，高强度钢编织层加固，抗磨损聚氨酯外层，抗紫外线，耐微生物。

#### 应用：

PILOT系列软管适用于中压液压系统、伺服控制系统和先导系统。

#### 使用温度：

从 -40°C 到 +100°C

空气、水和含水液体的最高工作温度：+ 70 °C。  
(+158 °F)

#### 工作压力：

安全比例1；4

#### 真空等级：

0.93 bar

#### Technical-constructive features:

Internal core in thermoplastic polyester, reinforcement with a high tensile steel braid, and exterior covering in antiabrasion polyurethane, stabilized to UV rays and resistant to micro-organisms.

#### Applications:

PILOT series hoses have been created for hydraulic use at medium pressure and for servo controls and piloting systems.

#### Utilization temperature:

From -40°C to +100°C

Max. working temperature of air, water and fluids containing water:  
+ 70°C. (+158°F)

#### Working pressure:

Safety ratio 1:4

#### Vacuum Rating:

0,93 bar

