

# 092 PILOT FL

## Compact lightweight hose for servo control applications

From 100 to 175 bar (1400 to 2500 psi)



**MEDIUM**  
PRESSURE

**PILOT FL**

SAE 100R7

ANSI A92.2

**HIGH**  
PRESSURE

**CONSTANT**  
PRESSURE

**VERY HIGH**  
PRESSURE

SPECIALITIES

## FEATURES

### Inner tube

Polyester elastomer

### Reinforcement

One braid of synthetic fiber

### Cover

Anti-grip polyurethane, black, pinpricked, white ink-jet branding

### Applications

- Servo control
- Pilot lines
- General low pressure hydraulics

### Features

- Lightweight
- Compact design
- High flexibility
- Low grip cover
- Low volumetric expansion

### Description

Low pressure service hose suitable for hydraulic applications where there is a requirement for increased resistance to abrasion and limited grip cover at the same time. For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for hydraulic and pneumatic pilot control lines.

### Temperature range

-40 °C to 100 °C  
(-40 °F to 212 °F)  
Limited to 70 °C (158 °F) for air and water based fluids

### Vacuum rating

-0,93 bar / -700 mm Hg  
-13,5 psi / -27,5 inch Hg

## APPLICATIONS



## PACKAGING



Part No.	Hose size		ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.		
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar		psi	mm	inch	g/m	lbs/ft	carbon	stainless
0920	-2	1/8"	4	4,00	0,157	7,10	0,280	175	2500	700	10000	4:1	20	0,79	30	0,020	SAB101	SAB801
0921	-3	3/16"	5	5,00	0,197	8,50	0,335	150	2100	600	8400	4:1	25	0,98	45	0,030	SA1111	SA1811
0922	-4	1/4"	6	6,50	0,256	10,60	0,417	140	2000	560	8000	4:1	40	1,57	60	0,040	SA1121	SA1821
0923	-5	5/16"	8	8,10	0,319	12,50	0,492	120	1700	480	6800	4:1	45	1,77	85	0,057	SA1131	SA1841
0924	-6	3/8"	10	9,70	0,382	14,40	0,567	110	1500	440	6000	4:1	50	1,97	105	0,071	SA1141	SA1841
0925	-8	1/2"	12	13,00	0,512	19,10	0,752	100	1400	400	5600	4:1	70	2,76	175	0,118	SA1151	SA1851