

性能指标:

Performance Ratings

- 操作压力: 真空至100psi (6.9bar)
Operating pressure:
Vacuum to 100psi (6.9 bar)
- 温度: -30 °C到 90 °C
Temperature: -30 °F to 194 °F
- 流量: 1/16 "-1/8 " size
Flow: 1/16 "-1/8 " size

材料与构造

Material and construction

- 主体和终端: 聚丙烯 (PP)
Bodies & Terminations: Polypropylene(PP)
- O型圈: Buna-N丁腈橡胶
O-ring: Buna-N (Nitrile rubber)

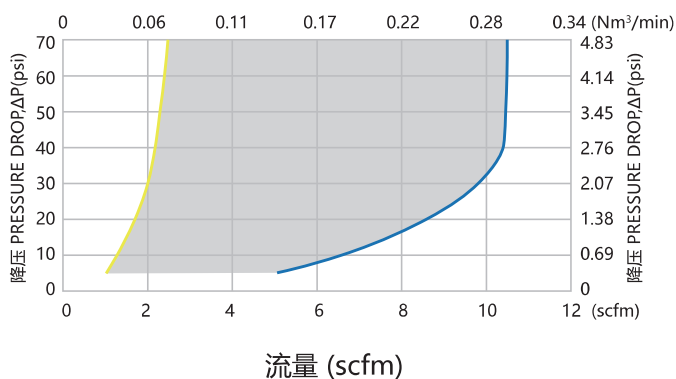


优点如下:

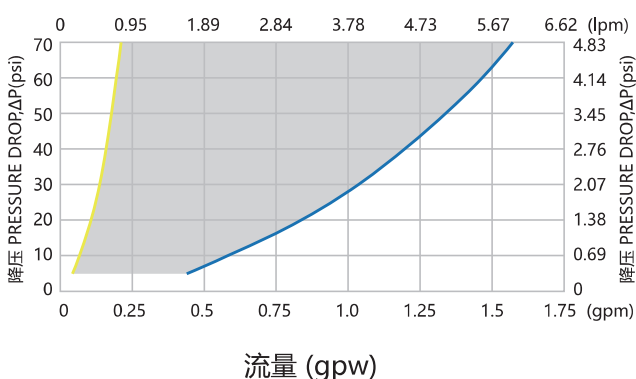
The advantages are as follows:

- 旋转式连接
Rotating connection
- 接头可随意旋转
The joint rotates freely
- 连接时转1/4圈后卡紧
Tighten after 1/4 turn
- 可防止意外断开
Prevent accidental disconnection
- 消除管道扭结的可能
Eliminating pipeline kinks
- 防止力矩过大造成损坏
Prevent damage caused by excessive torque

100PP 系列温度 (100PP Series temperature)



100PP 系列水流 (100PP Series Water Flow)



$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q=流量,加仑/分钟 Flow rate in gallons per minute

C_v=各种流量通过时的平均系数(见图表) Average constant of various rates (See charts below)

ΔP=通过接头的压力(psi) Pressure drop across coupling

S=液体比重 Specific gravity of liquid



直通式 Straight-Through



双侧关断 Double Shut-Off



单侧关断 Single Shut-Off

注意: (Note:)

下边显示的数据是100PP 系列接头的液体流量，每个接头都是在70°F（21°C）下进行测试。
The liquid flow of the data type 100PP series connector shown on the lower side is tested at 70 ° F (21 ° C) for each connector.

100PP 系列接头的Cv值 (Cv Values for 100PP Series Couplings)

母座 SOCKETS	PPPR1002S01	PPPR1002S02
SPPR1002Z01	0.03	0.03
SPPR1002Z02	0.03	0.19

母 座
Sockets

准直式倒钩型接头 IN-LINE HOSE BARB SOCKET						聚丙烯PP
	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
	管道尺寸	公制EQ	直通式	长度	宽度	高度
	1/16" ID	1.6mm ID	SPPR1002Z01	.90"(23mm)	.48"(12mm)	.48"(12mm)
	1/8" ID	3.2mm ID	SPPR1002Z02	.90"(23mm)	.48"(12mm)	.48"(12mm)

准直式倒钩型接头 IN-LINE HOSE BARB SOCKET						聚碳酸酯PC
	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
	管道尺寸	公制EQ	直通式	长度	宽度	高度
	1/16" ID	1.6mm ID	SPCR1002Z01	.90"(23mm)	.48"(12mm)	.48"(12mm)
	1/8" ID	3.2mm ID	SPCR1002Z02	.90"(23mm)	.48"(12mm)	.48"(12mm)

插 嘴
Plugs

准直式倒钩型接头 IN-LINE HOSE BARB PLUG						聚丙烯PP
	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
	管道尺寸	公制EQ	直通式	长度	宽度	高度
	1/8" ID	3.2mm ID	PPPR1002S02	.90"(23mm)	.48"(12mm)	.48"(12mm)

准直式倒钩型接头 IN-LINE HOSE BARB PLUG						聚碳酸酯PC
	TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
	管道尺寸	公制EQ	直通式	长度	宽度	高度
	1/8" ID	3.2mm ID	PPCR1002S02	.90"(23mm)	.48"(12mm)	.48"(12mm)

性能指标:

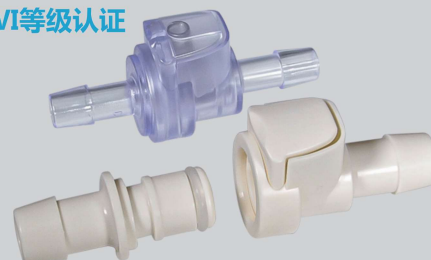
Performance Ratings

- 操作压力: 真空至60psi (4.14bar)
Operating pressure:
Vacuum to 60psi (4.14 bar)
- 温度: -40 °C到 100 °C
Temperature: -40 °F to 212 °F
- 流量: 1/4 "-3/8 " size
Flow: 1/4 "-3/8 " size

材料与构造

Material and construction

- 主体和终端: 聚碳酸酯 (PC) **USP VI等级认证**
Bodies & Terminations:
Polycarbonate (PC)
USP VI Grade Certification
- O型圈: 硅橡胶
O-ring: Silicon (Si)

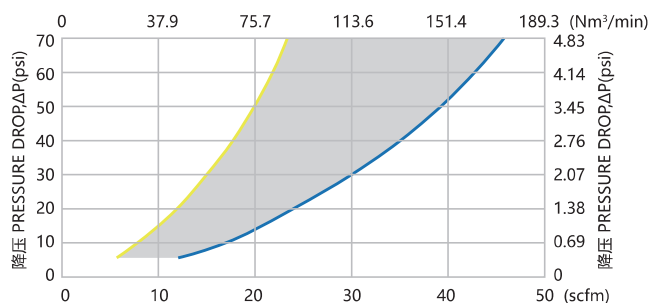


优点如下:

The advantages are as follows:

- USP等级VI材料
USP Grade VI Material
- 不含BSE/TSE材料
Excluding BSE/TSE materials
- 高压蒸汽灭菌
High pressure steam sterilization
- 伽马射线灭菌
Gamma ray sterilization
- 消除泄露可能
Eliminate the possibility of leakage
- 符合ADCF要求
Meets ADCF requirements

500PC 系列水流 (500PC Series Water Flow)



流量 (gpm)

$$Q = C_v \sqrt{\frac{\Delta P}{S}}$$

Q=流量,加仑/分钟 Flow rate in gallons per minute
Cv=各种流量通过时的平均系数(见图表) Average constant of various rates (See charts below)
ΔP=通过接头的压力(psi) Pressure drop across coupling
S=液体比重 Specific gravity of liquid

500PC 系列接头的Cv值 (Cv Values for 500PC Series Couplings)

母座 SOCKETS	PACR1002B01	PACR1002B02
SACR1002Z01	0.03	0.03
SACR1002Z02	0.03	0.19

注意: (Note:)

左边显示的数据是500PC 系列接头的液体流量, 每个接头都是在70°F (21°C) 下进行测试。
 The liquid flow of the data type 500PC series connector shown on the left is tested at 70 ° F (21 ° C) for each connector.

母座 Sockets

准直式倒钩型接头 IN-LINE HOSE BARB SOCKET

ABS



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	SABR5002Z04	1.35"(34mm)	.75"(19mm)	94"(24mm)
3/8" ID	9.5mm ID	SABR5002Z06	1.35"(34mm)	.75"(19mm)	94"(24mm)

准直式倒钩型接头 IN-LINE HOSE BARB SOCKET

聚碳酸酯PC



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	SPCR5002Z04	1.35"(34mm)	.75"(19mm)	94"(24mm)
3/8" ID	9.5mm ID	SPCR5002Z06	1.35"(34mm)	.75"(19mm)	94"(24mm)

准直式倒钩型接头 IN-LINE HOSE BARB SOCKET

聚砜PS



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	SPSR5002Z04	1.35"(34mm)	.75"(19mm)	94"(24mm)
3/8" ID	9.5mm ID	SPSR5002Z06	1.35"(34mm)	.75"(19mm)	94"(24mm)

插嘴 Plugs

准直式倒钩型接头 IN-LINE HOSE BARB PLUG

ABS



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	PABR5002S04	1.35"(34mm)	.63"(16mm)	.63"(16mm)
3/8" ID	9.5mm ID	PABR5002S06	1.35"(34mm)	.63"(16mm)	.63"(16mm)

准直式倒钩型接头 IN-LINE HOSE BARB PLUG

聚碳酸酯PC



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	PPCR5002S04	1.35"(34mm)	.63"(16mm)	.63"(16mm)
3/8" ID	9.5mm ID	PPCR5002S06	1.35"(34mm)	.63"(16mm)	.63"(16mm)

准直式倒钩型接头 IN-LINE HOSE BARB PLUG

聚砜PS



TUBING SIZE	METRIC EQ.	STRAIGHT THRU	LENGTH	WIDTH	HEIGHT
管道尺寸	公制EQ	直通式	长度	宽度	高度
1/4" ID	6.4mm ID	PPSR5002S04	1.35"(34mm)	.63"(16mm)	.63"(16mm)
3/8" ID	9.5mm ID	PPSR5002S06	1.35"(34mm)	.63"(16mm)	.63"(16mm)