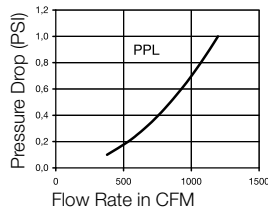


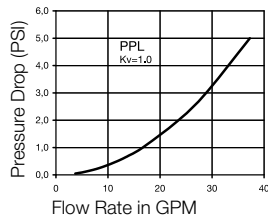
Technical Description

Large latch type plastic coupling.

Air Flow



Water Flow



Advantages

Resistance to mild chemical, low weight, intuitive operation.

Compatibility

Other large latch type couplings.

Material

Coupler

Body
Termination
Latch
Valve
Springs
Seals

Nipple

Body
Termination
Valve
Springs
Seals

Working Pressure

PB = 0 bar to 8 bar, maximum static working pressure with safety factor 4 to 1.

Working Temperature

-40°C to +82°C

Standard

Acetal (POM), natural color USP Class VI
Acetal (POM), natural color USP Class VI
Stainless steel
Acetal (POM), natural color USP Class VI
Stainless steel
FDA Buna-N

Acetal (POM), natural color USP Class VI
Acetal (POM), natural color USP Class VI
Acetal (POM), natural color USP Class VI
Stainless steel
FDA Buna-N

actual size



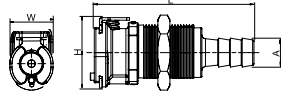
Couplers

RECTUS PPL Series

	Connection A	L inch	W inch	H mm	Hex SW	L1 inch	L2 inch	L3 inch	B inch	G inch	Valve	Color Coding Ring	Part Number
 Male Thread	1/4" MNPT	1.15	0.75	0.93							without	-	PPL-253-4MP
	3/8" MNPT	1.15	0.75	0.93							without	-	PPL-253-6MP
	1/4" MNPT	1.15	0.75	0.93							with	-	PPL-251-4MP
	3/8" MNPT	1.15	0.75	0.93							with	-	PPL-251-6MP
 Hose Barb	1/4"	1.90	0.75	0.93							without	-	PPL-253-4HB
	5/16"	1.90	0.75	0.93							without	-	PPL-253-5HB
	3/8"	1.90	0.75	0.93							without	-	PPL-253-6HB
	1/4"	1.90	0.75	0.93							with	-	PPL-251-4HB
	5/16"	1.90	0.75	0.93							with	-	PPL-251-5HB
	3/8"	1.90	0.75	0.93							with	-	PPL-251-6HB

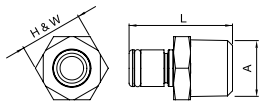
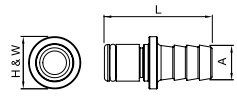
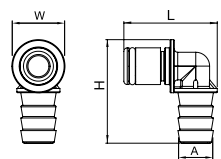
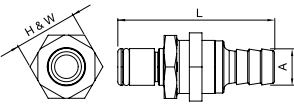
Couplers

RECTUS PPL Series

	Connection A	L inch	W inch	H inch	Hex SW	L1 inch	L2 inch	L3 inch	B inch	G inch	Valve	Color Coding Ring	Part Number
 <p>Panel Mount, Hose Barb</p>	1/4"	1.90	0.75	0.93							without	-	PPL-253-H4HB
	5/16"	1.90	0.75	0.93							without	-	PPL-253-H5HB
	3/8"	1.90	0.75	0.93							without	-	PPL-253-H6HB
	1/4"	1.90	0.75	0.93							with	-	PPL-251-H4HB
	5/16"	1.90	0.75	0.93							with	-	PPL-251-H5HB
	3/8"	1.90	0.75	0.93							with	-	PPL-251-H6HB

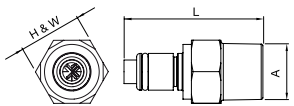
Nipples

RECTUS PPL Series

	Connection A	L inch	W inch	H inch	Hex SW	L1 inch	L2 inch	L3 inch	B inch	G inch	Valve	Color Coding Ring	Part Number
 <p>Male Thread</p>	1/4" MNPT	1.25	0.62	0.62							without	-	PPL-254-4MP
	3/8" MNPT	1.25	0.74	0.74							without	-	PPL-254-6MP
 <p>Hose Barb</p>	1/4"	1.25	0.62	0.62							without	-	PPL-254-4HB
	5/16"	1.25	0.62	0.62							without	-	PPL-254-5HB
	3/8"	1.25	0.62	0.62							without	-	PPL-254-6HB
 <p>Hose Barb 90°</p>	1/4"	1.10	0.62	1.28							without	-	PPL-254-C4HB
	3/8"	1.10	0.62	1.28							without	-	PPL-254-C6HB
 <p>Panel Mount, Hose Barb</p>	1/4"	1.88	0.74	0.74							without	-	PPL-254-H4HB
	5/16"	1.88	0.74	0.74							without	-	PPL-254-H5HB
	3/8"	1.88	0.74	0.74							without	-	PPL-254-H6HB

Valved Nipples

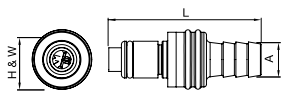
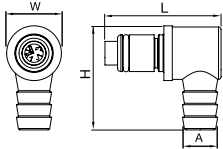
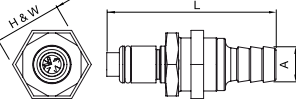
RECTUS PPL Series

	Connection A	L inch	W inch	H inch	Hex SW	L1 inch	L2 inch	L3 inch	B inch	G inch	Valve	Color Coding Ring	Part Number
 <p>Male Thread</p>	1/4" MNPT	1.65	0.62	0.62							with	-	PPL-252-4MP
	3/8" MNPT	1.65	0.75	0.75							with	-	PPL-252-6MP

⚠ Please consider our security advices on page 18 ⚠

Valved Nipples

RECTUS PPL Series

	Connection A	L inch	W inch	H inch	Hex SW	L1 inch	L2 inch	L3 inch	B inch	G inch	Valve	Color Coding Ring	Part Number
	1/4"	1.94	0.70	0.70							with	-	PPL-252-4HB
	5/16"	1.94	0.70	0.70							with	-	PPL-252-5HB
	3/8"	1.83	0.70	0.70							with	-	PPL-252-6HB
Hose Barb													
	1/4"	1.10	0.62	1.28							with	-	PPL-252-C4HB
	3/8"	1.10	0.62	1.28							with	-	PPL-252-C6HB
Hose Barb 90°													
	1/4"	2.00	0.74	0.74							with	-	PPL-252-H4HB
	5/16"	2.00	0.74	0.74							with	-	PPL-252-H5HB
	3/8"	2.00	0.74	0.74							with	-	PPL-252-H6HB
Panel Mount, Hose Barb													



Nominal flow size

1/4"

RECTUS Series



BT

Low Pressure

actual size



Technical Description

The BT series coupling system has been developed for use in medical, biotechnology, pharmaceutical and laboratory applications and uses only medical grade materials. The main components are molded in a clean room from virgin transparent USP Class VI polysulfone (PSU). The seals are made from platinum cured silicone. The locking pins are stainless steel. Only available as straight-through version.

Advantages

Single handed operation. Audible click to indicate a secure connection. Transparent components allow visual control of the flow path. Completely smooth flow path without any dead spaces prevents cross-contamination. Ergonomic sleeve for easy operation with gloves.

Working Pressure

PB = 0 psi to 65 psi, maximum static working pressure with safety factor of 4 to 1.

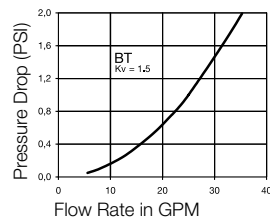
Compatibility

RECTUS Series 48

Working Temperature

-4°F to +298°F

Water Flow



Material

Coupler

- Back Body
- Valve Body
- Sleeve
- Valve
- Springs
- Locking Systems
- Seals

Standard

- PSU, transparent USP Class VI
- PSU, transparent USP Class VI
- PSU, transparent USP Class VI
- N/A
- PSU, transparent USP Class VI
- Stainless Steel 1.4310 (AISI 301)
- Platinum cured silicone, transparent USP Class VI

Nipple

- Plug Profile
- Valve
- Spring
- Adapter
- Seal

- PSU, transparent USP Class VI
- N/A
- N/A
- N/A
- N/A

Couplers / Nipples **RECTUS BT Series**

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
<p>Hose Barb</p>	1/4"		1.86	0.97	0.85							-	BT-M73-4HB
	3/8"		1.86	0.97	0.85							-	BT-M73-6HB
	1/2"		1.86	0.97	0.85							-	BT-M73-8HB
<p>Hose Barb</p>	1/4"		1.84		0.85							-	BT-M74-4HB
	3/8"		1.84		0.85							-	BT-M74-6HB
	1/2"		1.84		0.85							-	BT-M74-8HB
Sealing Cap			1.01	0.97	0.85							-	BT-M73-PLUG
Sealing Plug			1.57		0.58							-	BT-M74-PLUG

⚠ Please consider our security advices on page 18 ⚠