
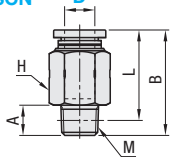


■ Straight



PPSCN




M Material: Body: Polypropylene
Thread: SUS304

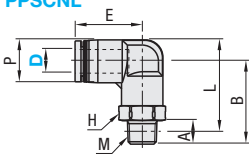
RoHS10

Part Number	Type	D	Nominal	A	B	L	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate	
PPSCN	4	1	8	21.1	17.1	10	R1 / 8	5.3	8				
		2	11	24.7	18.7	14	R1 / 4	12.5	16				
	8	1	8	27.9	23.9	14	R1 / 8	20	14.5				
		2	11	26.6	20.6	17	R1 / 4			21.5			
		3	12	23.9	17.6	17	R3 / 8			24			
	10	2	11	30	24	17	R1 / 4	35	18.5				
		3	12	29.5	23.2	17	R3 / 8			24			
	12	3	12	32.1	25.8	21	R3 / 8	59	32.5				

■ Elbows



PPSCNL




M Material: Body: Polypropylene
Thread: SUS304

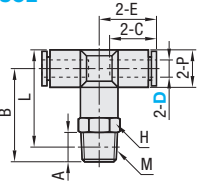
RoHS10

Part Number	Type	D	Nominal	A	B	L	P	E	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
PPSCNL	4	1	8	23.3	24.3	10	18.1	10	R1 / 8	4.2	10			
		2	11	28	28.2	12.5	19.9	12	R1 / 8	10	12.5			
	8	1	8	28	31.3	14	14	R1 / 8	16.5	16				
		2	11	31	32.2	14.5	22.7	R1 / 4			21.5			
		3	12	32.8	33.7	17	R3 / 8	35						
	10	2	11	36	38.7	17.5	26.4	R1 / 4	30	30.5				
		3	12	37	39.4	17	R3 / 8	38						
	12	3	12	39	43.2	21	29.6	21	R3 / 8	47	45.5			

■ Tees



PPSCPE




M Material: Body: Polypropylene
Thread: SUS304

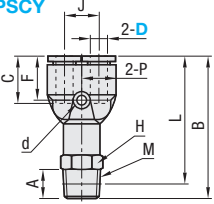
RoHS10

Part Number	Type	D	Nominal	A	B	L	P	C	E	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
PPSCPE	4	1	8	23.3	24.3	10	15	17	10	R1 / 8	4.1	12			
		2	11	29	29.5	13	17.1	20.3	14	R1 / 4	10	15.5			
	8	1	8	26.3	29.8	15	18.4	22.4	14	R1 / 8	16.5	19.5			
		2	11	29.3	30.8	15	18.4	22.4	R1 / 4	25					
		3	12	31.1	32.3	17	R3 / 8	37.5							
	10	2	11	36	38.7	17.5	20.4	25.4	17	R1 / 4	30	36.5			
		3	12	37	39.4	17	R3 / 8	44							
	12	3	12	39	43.2	21	23.1	28.6	21	R3 / 8	47	54.5			

■ Branch Y



PPSCY



M Material: Body: Polypropylene
Thread: SUS304

RoHS10

Part Number	Type	D	Nominal	A	B	L	P	C	J	d	F	Width Across H	Thread Size M	Effective Sectional Area (mm ²)	Mass (g)	Unit Price	Volume Discount Rate
PPSCY	4	1	3	40.7	36.7	10	15	11	3.4	14.2	10	R1 / 8	4.2	12.5			
		2	11	47.5	41.5	12.5	17.1	12	3.2	15.9	14	R1 / 4	10	15.5			
	8	1	8	48.7	44.7	14	14	3.2	17.2	14	R1 / 8	16.5	20.5				
		2	11	51.7	45.7	14.5	18.1	14	3.2	17.2	R1 / 4			25.5			
		3	12	53.5	47.2	18	20.9	18	4.5	19.7	R3 / 8			24.5			
	10	2	11	58.5	52.5	18	20.9	18	4.5	19.7	17	R1 / 4	30	38			
		3	12	59.5	53.2	21	23.6	20	4.2	22.4	R3 / 8	45.5					
	12	3	12	64.7	58.4	21	23.6	20	4.2	22.4	22	R3 / 8	37	56.5			

Ordering Example

Part Number - **Nominal**

PPSCN4 - 1

PPSCY6 - 1

Specifications

Applicable Fluid	Air, Water, Chemicals
Operating Temperature Range*	0~80°C
Max. Operating Pressure	0.9MPa(20°C)
Operating Vacuum Level	-100kPa

* No Freezing

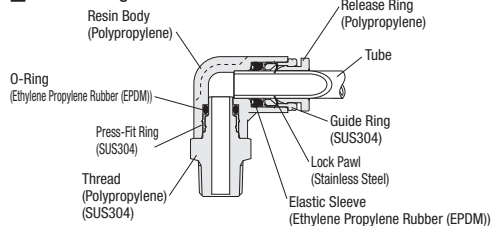
■ Features

- Clean environment compatible polypropylene (PP) is used for the main body.
- Plastic body is semitransparent so that fluid is recognizable from the outside.

■ Precautions for Use

- For water or fluid, inserts for Soft Tubes (P1390 PUIT / PUSIT) must be used. Keep the surge pressure to below max. pressure rating.
- If threaded portion is made of PP, tighten coupling by screwing hand tight, then giving 2 or 3 turns with a wrench. Over tightening may damage threads. Insufficient tightening may cause loosening or leaking.
- Due to creep deformation, screws may become loose and minute leakages may occur. Periodical tightening maintenance is recommended. If retightening does not work, then replace the coupling in use.
- When possibilities of machine and equipment damages exist due to fluid medium leakages, consider providing protective measures such as covers prior to use.
- No oil permitted.

■ Structure Diagram



<Recommended Tightening Torque>

Thread Body: Polypropylene
R1/8:0.5N·m R1/4:0.7N·m R3/8:1.0N·m
Thread: SUS304

R1/8:7~9N·m R1/4:12~14N·m R3/8:22~24N·m

(The values are for seal tape 2 rotations. Retighten by up to 2 additional rotations if required.)