Application & Feature

- Easy and quick connection of hose, light and strong against impact.
- Used for a wide variety of models to meet all need.

Specification

Fluid	Air, Industrial Hot & Cold water	
Working Pressure Range	0~145PSI	0~10Kgf/㎠(0~1MPa)
Working Temperature Range	-40~176℉	-40~80℃

Product Code System

PHC	LT	04	01
①	②	③	④

① Model

② Type

Hose Nipple	ST	Straight
	LT	Elbow
	TT	Tee

Hose Union	S	Straight
	RS	Reducer Straight
	L	Elbow
	T	Tee
	RT	Reducer Tee
	Y	Y
	Z	Cross

③ Tube Dia(ØD)

Code	03	04	05	06	09
Dia	Ø3	Ø4	Ø5	Ø6	Ø9
Code	10	13	16	19	25
Dia	Ø10	Ø13	Ø16	Ø19	Ø25

④ Size of Thread

	Metric Size	Taper Pipe Thread					
Code	M5	01	02	03	04	06	08
Size	M5x0.8	R1/8	R1/4	R3/8	R1/2	R3/4	R1

Plastic Hose Connector _ Hose Nipple List

PHC-ST

PHC-LT

PHC-TT

Plastic Hose Connector _ Hose Union List

PHC-S

PHC-RS

PHC-L

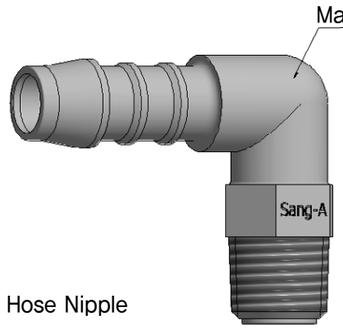
PHC-T

PHC-RT

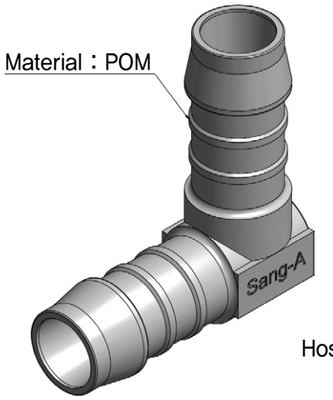
PHC-Y

PHC-Z

Structural Diagram



Hose Nipple

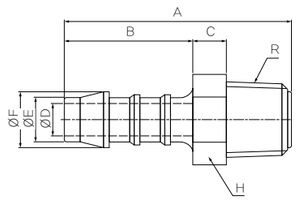


Hose Union

CAUTION

1. Avoid randomly product change.
2. Never over pushing to assemble product, it may cause damage.
3. Please check air leakage or not after built.

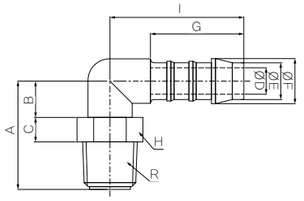
PHC-ST



(mm)

CODE	MODEL	A	B	C	ØD	ØE	ØF	R	H	W.G(g)	Q´ty/Inbox
90080302	PHC ST 03M5	19.8	10.3	3.8	2.6	3.2	4.0	M5	6	0.2	100
90080411	PHC ST 0401	27.5	15.0	4.0	3.2	4.0	5.0	R1/8	10	0.9	100
90080412	PHC ST 0402	31.7	15.0	5.0	3.2	4.0	5.0	R1/4	14	1.7	100
90080512	PHC ST 0502	34.3	17.6	5.0	3.5	5.0	6.0	R1/4	14	1.8	100
90080611	PHC ST 0601	32.5	20.0	4.0	4.0	6.0	7.6	R1/8	10	1.2	100
90080612	PHC ST 0602	36.7	20.0	5.0	4.0	6.0	7.6	R1/4	14	2.0	100
90080613	PHC ST 0603	38.7	20.0	6.0	4.0	6.0	7.6	R3/8	17	3.4	50
90080911	PHC ST 0901	37.5	23.0	6.0	5.8	9.0	11.0	R1/8	14	2.4	100
90080912	PHC ST 0902	40.7	23.0	6.0	6.6	9.0	11.0	R1/4	14	2.6	50
90080913	PHC ST 0903	41.7	23.0	6.0	6.6	9.0	11.0	R3/8	17	3.8	50
90080914	PHC ST 0904	47.7	23.0	8.8	6.6	9.0	11.0	R1/2	22	7.0	25
90081012	PHC ST 1002	43.7	26.0	6.0	7.1	10.0	12.0	R1/4	14	3.0	50
90081013	PHC ST 1003	44.7	26.0	6.0	7.1	10.0	12.0	R3/8	17	4.1	50
90081313	PHC ST 1303	45.7	27.0	6.0	9.6	13.0	15.0	R3/8	17	4.7	50
90081314	PHC ST 1304	51.7	27.0	8.8	9.6	13.0	15.0	R1/2	22	7.8	25
90081614	PHC ST 1604	56.2	31.5	8.8	12.1	16.0	18.0	R1/2	22	9.4	25
90081616	PHC ST 1606	58.7	31.5	9.0	12.1	16.0	18.0	R3/4	27	13.6	25
90081916	PHC ST 1906	59.7	32.5	9.0	15.0	19.0	21.0	R3/4	27	14.8	20
90082518	PHC ST 2508	67.5	39.0	9.0	21.0	25.0	27.0	R1	32	20.7	12

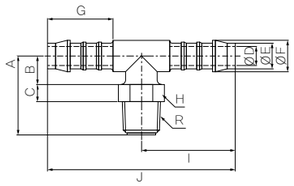
PHC-LT



(mm)

CODE	MODEL	A	B	C	ØD	ØE	ØF	G	H	I	R	W.G(g)	Q´ty/Inbox
90100411	PHC LT 0401	16.5	4.0	4.0	3.2	4.0	5.0	15.0	10	21.2	R1/8	1.2	100
90100412	PHC LT 0402	24.7	7.0	6.0	3.2	4.0	5.0	15.0	14	21.2	R1/4	2.3	100
90100611	PHC LT 0601	21.5	9.0	4.0	4.0	6.0	7.6	20.0	10	28.6	R1/8	1.9	100
90100612	PHC LT 0602	25.9	8.2	6.0	4.0	6.0	7.6	20.0	14	28.6	R1/4	2.9	50
90100613	PHC LT 0603	27.4	8.7	6.0	4.0	6.0	7.6	20.0	17	28.6	R3/8	4.1	50
90100911	PHC LT 0901	23.6	9.7	6.0	6.6	9.0	11.0	23.0	14	33.0	R1/8	3.3	50
90100912	PHC LT 0902	26.7	9.0	6.0	6.6	9.0	11.0	23.0	14	33.0	R1/4	3.8	50
90100913	PHC LT 0903	31.8	10.1	9.0	6.6	9.0	11.0	23.0	17	36.0	R3/8	6.3	25
90100914	PHC LT 0904	34.9	10.2	8.8	6.6	9.0	11.0	23.0	22	36.0	R1/2	8.9	25
90101012	PHC LT 1002	29.6	10.9	7.0	7.1	10.0	12.0	26.0	14	38.0	R1/4	5.3	25
90101013	PHC LT 1003	31.8	10.1	9.0	7.1	10.0	12.0	26.0	17	38.0	R3/8	6.8	25
90101313	PHC LT 1303	31.7	10.0	9.0	9.6	13.0	15.0	27.0	17	40.5	R3/8	7.8	25
90101314	PHC LT 1304	34.8	10.1	8.8	9.6	13.0	15.0	27.0	22	40.5	R1/2	10.3	25
90101916	PHC LT 1906	44.0	16.8	9.0	15.0	19.0	21.0	32.5	27	45.6	R3/4	21.1	16

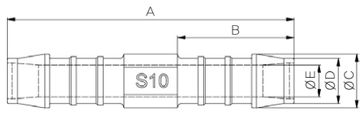
PHC-TT



(mm)

CODE	MODEL	A	B	C	ØD	ØE	ØF	G	I	J	R	H	W.G(g)	Q´ty/Inbox
90090411	PHC TT 0401	18.0	5.5	4.0	3.2	4.0	5.0	15.0	21.2	42.4	R1/8	10	1.5	100
90090412	PHC TT 0402	24.7	7.0	6.0	3.2	4.0	5.0	15.0	21.2	42.4	R1/4	14	2.5	50
90090611	PHC TT 0601	20.9	8.4	4.0	4.0	6.0	7.6	20.0	28.6	57.2	R1/8	10	2.6	50
90090612	PHC TT 0602	25.9	8.2	6.0	4.0	6.0	7.6	20.0	28.6	57.2	R1/4	14	3.5	50
90090912	PHC TT 0902	27.7	10.0	6.0	6.6	9.0	11.0	23.0	33.0	66.0	R1/4	14	5.2	25
90091013	PHC TT 1003	31.8	10.1	9.0	7.1	10.0	12.0	26.0	38.0	76.0	R3/8	17	9.0	25

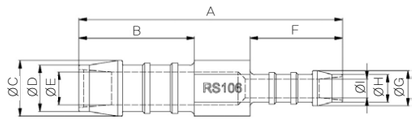
PHC-S



(mm)

CODE	MODEL	A	B	ØC	ØD	ØE	W.G(g)	Q´ty/Inbox
90060300	PHC S03	25.3	10.3	4	3.5	3.2	0.3	100
90060400	PHC S04	36	15	5	4.7	4	0.52	100
90060500	PHC S05	41.2	17.6	6	5.6	5	0.73	100
90060600	PHC S06	48	20	7.6	6.8	6	1.5	100
90060900	PHC S09	57.8	23	11	9.8	9	3.3	50
90061000	PHC S10	64	26	12	10.8	10	4.45	50
90061300	PHC S13	69	27	15	13.8	13	7.15	25
90061600	PHC S16	75	31.5	18	16.8	16	10.3	20
90061900	PHC S19	77	32.5	21	19.8	19	12.92	20
90062500	PHC S25	93	39	27	25.8	25	20.75	8

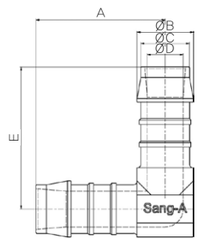
PHC-RS



(mm)

CODE	MODEL	A	B	ØC	ØD	ØE	F	ØG	ØH	ØI	W.G(g)	Q´ty/Inbox
90074100	PHC RS0403	30	15	5	4.7	4	10.3	4	3.5	3.2	0.4	100
90074300	PHC RS0604	43	20	7.6	6.8	6	15	5	4.7	4	1.2	100
90073300	PHC RS0904	47.8	23	11	9.8	9	15	5	4.7	4	2.24	50
90073800	PHC RS0906	52.8	23	11	9.8	9	20	7.6	6.8	6	2.52	50
90074600	PHC RS1006	57	25	12	10.8	10	20	7.6	6.8	6	3.43	50
90073400	PHC RS1009	60	25	12	10.8	10	23	11	9.8	9	3.96	50
90074000	PHC RS1309	62	27	15	13.8	13	23	11	9.8	9	5.48	25
90073500	PHC RS1310	64	27	15	13.8	13	25	12	10.8	10	5.9	25

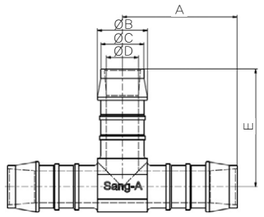
PHC-L



(mm)

CODE	MODEL	A	ØB	ØC	ØD	E	W.G(g)	Q´ty/Inbox
90010300	PHC L03	12	4	3.2	2.6	12	0.3	100
90010400	PHC L04	18	5	4	3.1	22.5	0.6	100
90010600	PHC L06	24	7.6	6	4	29	1.5	100
90010900	PHC L09	28.5	11	9	6.6	35	3.3	50
90011000	PHC L10	32	12	10	7.1	39	4.7	50
90011300	PHC L13	34.5	15	13	9.6	45.5	7.8	25
90011600	PHC L16	40.5	18	16	12.1	53.5	12.4	20
90011900	PHC L19	43	21	19	15	56.5	15.4	16
90012500	PHC L25	50.5	27	25	21	53.5	26.1	6

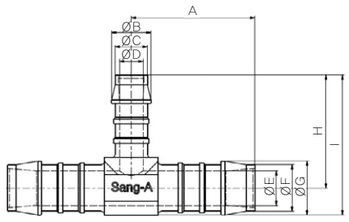
PHC-T



(mm)

CODE	MODEL	A	ØB	ØC	ØD	E	W.G(g)	Q´ty/Inbox
90020300	PHC T03	12.8	4	3.2	2.6	12.9	0.4	100
90020400	PHC T04	18	5	4	3	19.5	0.8	100
90020500	PHC T05	20.6	6	5	3.5	22.1	1.1	100
90020600	PHC T06	24	7.6	6	4	25	2.1	100
90020900	PHC T09	28.5	11	9	6.6	29.5	4.3	50
90021000	PHC T10	32	12	10	7.1	33	6.1	50
90021300	PHC T13	34.5	15	13	9.6	35.5	9.7	20
90021600	PHC T16	40.5	18	16	12.1	44.5	16.5	20
90021900	PHC T19	43	21	19	15	46	20.2	16
90022500	PHC T25	49.5	27	25	21	52.5	31	6

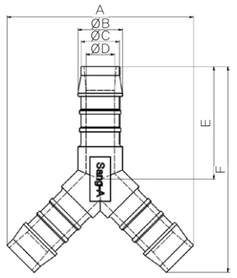
PHC-RT



(mm)

CODE	MODEL	A	ØB	ØC	ØD	ØE	ØF	ØG	H	I	W.G(g)	Q´ty/Inbox
90033600	PHC RT0304	12.8	5	4	2.6	4	3.2	2.6	17.6	20.1	0.5	100
90033700	PHC RT0406	19	7.6	6	4	5	4	3.1	24	28	1.3	50
90034300	PHC RT0604	24	5	4	3.1	7.6	6	4	20	24	1.7	50
90033800	PHC RT0906	28.5	7.6	6	4	11	9	6.6	26.5	32	3.8	25
90033900	PHC RT1306	34.5	7.6	6	4	15	13	9.6	28.5	36	8.1	25
90034000	PHC RT1309	34.5	11	9	6.6	15	13	9.6	31.5	39	8.6	25

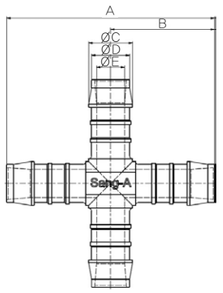
PHC-Y



(mm)

CODE	MODEL	ØA	ØB	ØC	D	E	W.G(g)	Q´ty/Inbox
90040300	PHC Y03	4	3.2	2.6	22.7	20.1	0.3	100
90040400	PHC Y04	5	4	3.1	27.3	24.2	0.5	100
90040500	PHC Y05	6	5	3	44.4	38.7	1.8	100
90040600	PHC Y06	7.6	6	4	46.4	40.9	2.2	100
90040900	PHC Y09	11	9	6.6	54.3	48.6	4.6	50
90041000	PHC Y10	12	10	7.1	56.4	50.8	6	50
90041300	PHC Y13	15	13	9.6	69.4	62.8	11.1	25
90041600	PHC Y16	18	16	12.1	70.4	64.9	14.6	20
90041900	PHC Y19	21	19	15	74.9	69.8	18	16

PHC-Z



(mm)

CODE	MODEL	A	B	ØC	ØD	ØE	W.G(g)	Q´ty/Inbox
90050400	PHC Z4	40	20	5	4	3.1	1.1	100
90050600	PHC Z6	50	25	7.6	6	4	2.7	50
90051300	PHC Z13	71	35.5	15	13	9.6	12.6	15