

## Thermoplastic pressure hose with fitting

### Application

Thermoplastic pressure hose with fitting is connection with pressure and temperature gauges and oil return. with pressure and temperature gauges and oil return.

### Main features

- The length of the Thermoplastic pressure hose would be cutting as customer's requirement with fitting
- The working temperature  $-40^{\circ}\text{C} \sim +130^{\circ}\text{C}$
- The working pressure 45Bar
- To be suitable for HCFC,HFC refrigerant

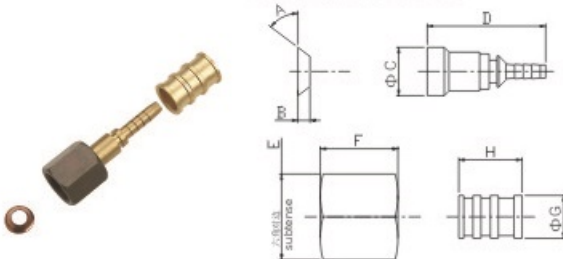
Model No.	Colour	Inner dia. (mm)	Outer dia. (mm)	tolerances (mm)	Min. bending radius(mm)	working pressure(MPa)
RSPTPH-2	black	2.0	5.9	0.1	10	4.5



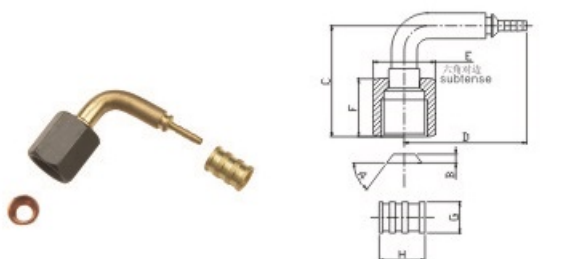
## The fitting

### Type

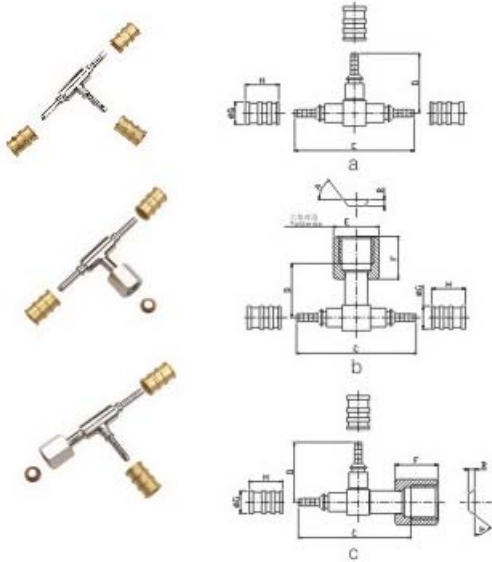
- Straight insert (table 1)
- 90° bend insert ( table 2)
- T insert (table 3)
- Without nuts
- With nut at the central insert
- With nut at the side insert



Model No of straight	dimension (mm)							
	copper gasket		insert		nut		sleeve	
	A	B	C	D	E	F	G	H
RSPTPHFS-2	53	2.5	Φ9.6	22	14	15	Φ8	11.8
RSPTPHFS-4	53	2.5	Φ9.6	34.5	14	15	Φ11.5	18
RSPTPHFS-6	53	2.5	Φ9.6	34.5	20	22	Φ14	20



90° Model no of 90° bend	dimension (mm)							
	copper gasket		insert		nut		sleeve	
	A	B	C	D	E	F	G	H
RSPTPHFB-2	53	2.5	20.5	30.5	14	15	Φ8	11.8
RSPTPHFB-4	53	2.5	21.5	38.5	14	15	Φ11.5	18
RSPTPHFB-6	53	2.5	23	40	20	22	Φ14	20



Model No of T type	drawing	dimension (mm)							
		copper gasket		insert		nut		sleeve	
		A	B	C	D	E	F	G	H
RSPTPHFT-2	a	53	2.5	41	20	14	15	φ8	11.8
RSPTPHFT-4	a	53	2.5	63	28	14	15	φ11.5	18
RSPTPHFT-CN-2	b	53	2.5	41	21	14	15	φ8	11.8
RSPTPHFT-CN-4	b	53	2.5	63	23	14	15	φ11.5	18
RSPTPHFT-SN-2	c	53	2.5	44	20	14	15	φ8	11.8
RSPTPHFT-SN-4	c	53	2.5	58	28	14	15	φ11.5	18



shears  
(Code): RSPTH-01



Pliers  
(Code): RSPTH-01



Hydraulic pressure Pliers  
(Code): RSPTH-02

TOOL

Notes: 1. RSPTH-01 is suitable for assembling 1/4" hose with fitting;  
2. RSPTH-02 is suitable for assembling 1/2" and 3/4" hose with fitting;

Instruction of manual assembling capillary hose with fitting



To cut the thermoplastic capillary hose



to insert the sleeve with the groove on the hose



to insert the nut onto the hose



Push the insert inside the hose



Make the nut slide onto the external part of the insert and push the sleeve till it covers the bottom of the free insert



assemble the hose by positioning manual pliers on the sleeve covering its whole surface