

# Flexible Metal Hoses **PAP** PETRO ARTAN PART

## PAP-FH Series



### Features

- Stainless steel construction.
- Positive pressure up to 1600psig. (110bar)
- Wide variety of fractional and metric end connections from 1/4" to 2" and 6mm to 38mm.
- Custom options and assemblies available.

### Technical Data

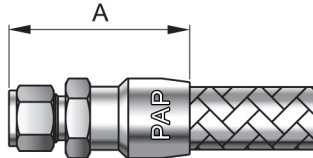
Nominal Hose Size in.	HOSE Series	Minimum Bend Radius in. (cm)		Temperature Range °F (°C)	Working Pressure @-325 to 300 °F (-200 to 148°C) psig (bar)	Minimum Burst @70°F (20°C) psig (bar)
		Static	Dynamic			
1/4	PAP- FH4	0.75 (1.90)	4.33 (11.0)	-325 to 800 (-200 to 426)	1600 (110)	6400 (440)
3/8	PAP- FH6	0.87 (2.21)	5.91 (15.0)		1470 (101)	5880 (405)
1/2	PAP- FH8	1.04 (2.64)	6.50 (16.5)		1110 (76.4)	4440 (305)
3/4	PAP- FH12	1.61 (4.09)	8.86 (22.5)		860 (59.2)	3440 (237)
1	PAP- FH16	1.89 (4.80)	10.2(26.0)		680 (46.8)	2720 (187)
1 1/4	PAP- FH20	2.16 (5.49)	11.8 (30.0)		680 (46.8)	2720 (187)
1 1/2	PAP- FH24	2.33 (5.92)	13.4 (34.0)		520 (35.8)	2080 (143)
2	PAP- FH32	3.10 (7.87)	15.4 (39.1)		450 (31.0)	1800 (124)

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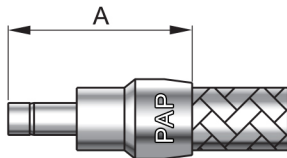
## Table of Dimensions

### PAP Tube Fitting



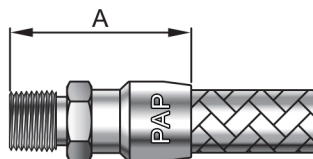
Order Number		Tube OD(in)	Dimension A (mm)
Hose Series	End Connection		
PAP- FH4	S4	1/4	47.5
PAP- FH6	S6	3/8	50.8
PAP- FH8	S8	1/2	61.7
PAP- FH12	S12	3/4	66.5
PAP- FH16	S16	1	81.3
PAP- FH20	S20	1 1/4	96.3
PAP- FH24	S24	1 1/2	108.0
PAP- FH32	S32	2	133.0

### Tube Adapter



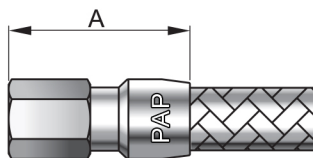
Order Number		Tube OD(in)	Dimension A (mm)
Hose Series	End Connection		
PAP- FH4	4T	1/4	38.6
PAP- FH6	6T	3/8	46.0
PAP- FH8	8T	1/2	54.9
PAP- FH12	12T	3/4	63.5
PAP- FH16	16T	1	75.9

### Male Pipe Threads, NPT



Order Number		Pipe Thread Size (in)	Dimension A (mm)
Hose Series	End Connection		
PAP- FH4	M4N	1/4	43.2
PAP- FH6	M6N	3/8	48.5
PAP- FH8	M8N	1/2	58.9
PAP- FH12	M12N	3/4	62.3
PAP- FH16	M16N	1	77.5
PAP- FH20	M20N	1 1/4	79.8
PAP- FH24	M24N	1 1/2	85.9
PAP- FH32	M32N	2	92.2

### Female Pipe Threads, NPT



Order Number		Pipe Thread Size (in)	Dimension A (mm)
Hose Series	End Connection		
PAP- FH4	F4N	1/4	46.0
PAP- FH6	F6N	3/8	46.7
PAP- FH8	F8N	1/2	62.2
PAP- FH12	F12N	3/4	61.2
PAP- FH16	F16N	1	74.2
PAP- FH24	F24N	1 1/2	83.3