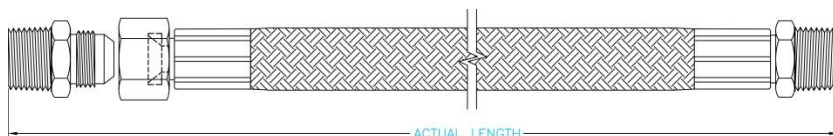


Construction Materials

External Braid:	Stainless Steel AISI 302/ 304
Hose Core:	Formulated EPDM
Crimping Ferrules:	300 Series stainless steel up to 1"ID; Zinc Dichromate CS 1-1/4" to 2"ID.
End Fittings:	JIC Brass HD in 1/2" to 1"ID JIC Zinc CS in 1-1/4" to 2"ID
Rating:	ASTM E 84-10 (EPDM)
Temperature Range:	-40°F to 302°F

UNISOURCE
Series 413
"H-P Flex"
Heat Pump Hose
Connectors
Male NPT Ends



Hoses are intended for hydronic heating and cooling applications only. Do not use for gas, steam service, or potable water service.

Do not apply sealant or tape on male flare threads.

Quant	Part #	Size (Inches)	Length (Inches)	Minimum Bend Radius (Inches)	Working Pressure (PSIG)	Cv @ 1 PSIG (GPM)* 2' OAL	Cv @ 1 PSIG (GPM)* 3' OAL
	413-050-12.0	1/2	12.0	2.0	500	3.8	3.5
	413-050-18.0		18.0	2.0	500		
	413-050-24.0		24.0	2.0	500		
	413-050-36.0		36.0	2.0	500		
	413-075-12.0	3/4	12.0	2.5	500	13.0	11.7
	413-075-18.0		18.0	2.5	500		
	413-075-24.0		24.0	2.5	500		
	413-075-36.0		36.0	2.5	500		
	413-100-12.0	1	12.0	3.0	400	22.5	20.5
	413-100-18.0		18.0	3.0	400		
	413-100-24.0		24.0	3.0	400		
	413-100-36.0		36.0	3.0	400		
	413-125-24.0	1-1/4	24.0	4.0	300	30.7	29.2
	413-125-36.0		36.0	4.0	300		
	413-150-24.0	1-1/2	24.0	6.0	300	57.2	54.3
	413-150-36.0		36.0	6.0	300		
	413-200-24.0	2	24.0	8.5	300	60.1	59.3
	413-200-36.0		36.0	8.5	300		

*Flow rate calculated using straight hose.

Customer: _____
 Project: _____
 Engineer: _____
 P.O.#: _____

UNISOURCE MFG.

*Unisource Series 413 "H-P Flex"
 Heat Pump Hose M X M NPT*

Series 413-MM HP Flex - New 9/30/2014