



Specialty Gas All-Metallic Style Pigtails

Style UFHP22 (3850 - PSIG)

Style SF4500 (4500 - PSIG)

Style UFHP22 and SF4500 "all-metallic" specialty gas pigtails are designed for small molecule gases (helium & hydrogen) and feature "zero permeation". These hoses are constructed utilizing a corrugated 316L stainless steel inner core, reinforced with two layers of stainless steel braid and features either a 316L ANPT male or female thread to ensure a tight connection. An optional "Safety Armor" is available for added protection. Each hose is marked with an aluminum belly band noting the working pressure and date manufactured. All assemblies are pressure tested to 1-1/2 times the working pressure and have a minimum burst pressure rating 4 times the maximum working pressure.

Style UFHP22 – 3850 PSIG Rated w/ 316L Stainless Steel End Fittings

NOMINAL HOSE I.D.	O.D. WITHOUT ARMOR	O.D. WITH ARMOR	NO. OF BRAIDS	DYNAMIC BEND RADIUS	WORKING PRESURE	BURST PRESSURE
1/4"	0.64"	0.81"	2	4.0"	3850 PSIG	15,400 PSIG

HOSE PART #	ENDS
UFHP22-025-24H-24H-xx"	1/4" Female NPT both ends
UFHP22-025-21-24H-xx"	1/4" Male x Female NPT
UFHP22-025-21-21-xx"	1/4" Male NPT both ends

- 1) Specify overall length – change xx" in part number to desired overall length.
- 2) Add **-A** after part number for stainless steel safety armor.
- 3) Add **-CCB** after part number for O2 cleaned assemblies - max length not to exceed 600".

Style SF4500 – 4500 PSIG Rated w/ 316L Stainless Steel End Fittings

NOMINAL HOSE I.D.	O.D. WITHOUT ARMOR	O.D. WITH ARMOR	NO. OF BRAIDS	DYNAMIC BEND RADIUS	WORKING PRESURE	BURST PRESSURE
1/4"	0.64"	0.79"	2	12.0"	4500 PSIG	18,000 PSIG

HOSE PART #	ENDS
SF4500-025-24H-24H-xx"	1/4" Female NPT both ends
SF4500-025-21-24H-xx"	1/4" Male x Female NPT
SF4500-025-21-21-xx"	1/4" Male NPT both ends

- 1) Specify overall length – change xx" in part number to desired overall length.
- 2) Add **-A** after part number for stainless steel safety armor.
- 3) Add **-CCB** after part number for O2 cleaned assemblies - max length not to exceed 600".

Options (fitting part number change in parenthesis):

316L stainless steel VCR and VCO ends are available. Contact Unisource for prices.

Helium leak testing available. Call for information.



Caution: All metal hoses are susceptible to cracking if subjected to high velocity flow rates. See page 14 for information on velocity rate calculation.

Para más información comuníquese al
305.888.5353
o al correo electrónico
info@intltec.com



**INTERNATIONAL
TECHNISYSTEMS INC.**