

PTFE Low Effusion Stainless Steel Braided Pigtails

Style TSCZ



Style TSCZ pigtails are designed to meet the industries toughest standards, and represent the very latest in PTFE technology. **Style TSCZ** pigtails feature a “Unisource proprietary” PTFE inner core that dramatically reduces permeation and a second layer of stainless braid reinforcement to increase the pressure rating to 3600 psig. An optional anti-whip, anti-kink “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 per CGA E.9 to 1-1/4 times the working pressure and have a minimum burst pressure rating 4 times the maximum working pressure. A full range of end fitting options are available for **Style TSCZ**, allowing you to custom design the pigtail for your specific application. The **Style TSCZ** is ideal for a wide variety of applications and will provide longer life with reduced permeation.

Style TSCZ - 3600 PSIG Rated w/ Brass End Fittings

HOSE I.D.	O.D. WITHOUT ARMOR	O.D. WITH ARMOR	NO. OF BRAIDS	DYNAMIC BEND RADIUS	WORKING PRESURE	BURST PRESSURE
1/4"	0.43"	0.64"	2	3.5"	3600 PSIG	14,400 PSIG

HOSE PART #	ENDS	SERVICE
5TSCZ-144-144-xx"	1/4" Female NPT	Inert
5TSCZ-144-144-xx"-CCB	1/4" Female NPT	Oxygen Clean
5TSCZ-144-DVP-xx"-CCB	1/4" FNPT x 1/4" FNPT DVP	Oxygen Clean
5TSCZ-DVP-DVP-xx"-CCB	1/4" FNPT DVP x 1/4" FNPT DVP	Oxygen Clean

Specify overall length.- change xx" in part number to desired overall length.

“Safety Pigtail” Style TSCZ with Stainless Steel Armor Casing

HOSE PART #	ENDS	SERVICE
5TSCZ-144-144-xx"-A	1/4" Female NPT	Inert
5TSCZ-144-144-xx"-A-CCB	1/4" Female NPT	Oxygen Clean
5TSCZ-144-DVP-xx"-A-CCB	1/4" FNPT x 1/4" FNPT DVP	Oxygen Clean
5TSCZ-DVP-DVP-xx"-A-CCB	1/4" FNPT DVP x 1/4" FNPT DVP	Oxygen Clean

Specify overall length - change xx" in part number to desired overall length.

Notes:

1. DVP specifies the distance volume piece (DVP) threaded on.

Options for Style TSC and Style TSCZ

(fitting part number change in parenthesis):

- Brass 90 Degree Elbow (BEL-4HP) installed and pressure tested
- Brass Male NPT (114) end fitting instead of Female NPT (144)
- Brass street elbow installed and pressure tested (BL-4HP)
- Brass CGA Nut and Nipple installed and pressure tested
- Brass CGA Handtight Nut and soft-tip nipple installed and pressure tested
- Brass CGA Nut and Check Valve Nipple installed and pressure tested
- Brass Extension Adapter (BE-4-3HP)
- 316SS MNPT fitting-per end (214)
- 316SS CVR, VCO and tube fittings



Plastic or Brass Handtight Nut and Nipples

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