



ETFE Lined Stainless Steel Braided Pigtails

Style TSCZEL (3000 - PSIG)

Style TSCZELZ (3500 - PSIG)

Style TSCZEL & TSCZELZ are constructed with a smooth-bore ETFE lining, which offers 75% less effusion than standard PTFE pigtails. These assemblies are an economical choice for small molecule gases such as helium and hydrogen. **Style TSCZEL** is a 3000 PSIG hose with a single braid of stainless steel. **Style TSCZELZ** is a 3500 PSIG hose with two braids of stainless steel. 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 1-1/4 times the working pressure. End fittings are offered in both brass and stainless steel. Rated to +250°F. Not recommended for oxygen service.

Style TSCZEL - 3000 PSIG Rated w/ Brass 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"	0.375"	0.55"	1	3.0"	3000 PSIG	12,000 PSIG

HOSE PART #	ENDS	SERVICE
5TSCZEL-144-144-xx"	Brass 1/4" Female NPT	Inert
5TSCZEL-244-144-xx"	Stainless 1/4" Female NPT	Oxygen Clean

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

Style TSCZELZ - 3500 PSIG Rated w/ Brass 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"	0.43"	0.64"	2	3.0"	3500 PSIG	14,000 PSIG

HOSE PART #	ENDS	SERVICE
5TSCZELZ-144-144-xx"	Brass 1/4" Female NPT	Inert
5TSCZELZ-244-144-xx"	Stainless 1/4" Female NPT	Oxygen Clean

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

"Safety Pigtail" Style TSCZEL & TSCZELZ with SS Armor Casing

HOSE PART #	ENDS	SERVICE
5TSCZEL-144-144-xx"-A	Brass 1/4" Female NPT	Inert - 3000 PSIG
5TSCZEL-244-244-xx"-A	Stainless 1/4" Female NPT	Inert - 3000 PSIG
5TSCZELZ-144-144-xx"-A	Brass 1/4" Female NPT	Inert - 3500 PSIG
5TSCZELZ-244-244-xx"-A	Stainless 1/4" Female NPT	Inert - 3500 PSIG

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

Options for **Style TSCZEL** and **Style TSCZELZ** (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
- 316SS MNPT fitting-per end (214)
- 316SS CVR, VCO and tube fittings

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



**INTERNATIONAL
 TECHNISYSTEMS INC.**