

# PTFE-LINED STAINLESS STEEL GAS PIGTAILS

## **Long-life PTFE-lined pigtails from 3000 PSI to 6000 PSI rated....**

**UNISOURCE** offers the industry's most complete assortment of PTFE-lined high-pressure gas pigtails. Each pigtail assembly is pressure tested to 1-1/2 times the rated working pressure. Pigtails are also marked with manufacturer, construction, pressure rating, and date manufactured. All of the Unisource pigtails surpass the requirements of CGA E.9.

**Style TSC** pigtails are the workhorse of the industry. Light and highly flexible, this style carries a working pressure rating of **3000 PSI** maximum working pressure. Each pigtail assembly is tested to 4500 PSIG. Constructed with a white, non-conductive PTFE liner. Fittings are available in both brass and stainless steel. Stainless steel full-time swivel ends are also a standard stock item for this hose.



**Style TSCZ** pigtails are similar in construction to Style TSC, with the addition of a second reinforcing braid. This reinforcing provides a working pressure of **3600 PSI** maximum working pressure for additional strength and safety. Fitting options are identical to Style TSC hose.

**Style TSHD** pigtails carry the highest pressure rating in the industry—**6000 PSI** maximum working pressure. Built with a heavy-duty double stainless steel braid and double spiral wrap reinforcing, and black static-conducting PTFE core. Fittings are stainless steel FNPT or FJIC swivel. Style TSHP, 5000 PSI available on special request.



### **Fitting Options:**

**Style TSC & TSCZ:** 1/4" FNPT or MNPT in brass or 316L stainless steel; 1/4" FNPT 316L stainless steel full-time swivel end; VCR, VCO, tube and compression fittings in stainless steel.

**Style TSHD:** 1/4" FNPT or -4 FJIC flare in 316L stainless steel.

### **Other Options:**

- Stainless steel armor casing to protect the braid, prevent kinking, and act as a whip check device.
- Cleaning and packaging for oxygen service per CGA G-4.1.
- Brass or stainless steel CGA nut and nipple installed and pressure tested.
- Brass or plastic CGA handtight nut and O-ring nipple installed and pressure tested.
- Brass or stainless steel CGA nut and check-valve nipple installed and pressure tested.
- Brass street elbow installed and pressure tested.
- Brass DVP pipe thread extension adapter – 3" long, hex style.



Both Style TSC and TSCZ feature our stainless steel **armor casing** for whip check protection, kink resistance, and abrasion

## **Technical Specifications**

All pigtails below constructed with Series 300 stainless steel reinforcing. All Styles in 1/4" nominal size.

Style	Avg. I.D. (In.)	Avg. O.D. (In.)		Max W.P. (PSI)	Min. Burst (PSI)	Min. Bend Radius (In.)		Weight (Lbs./Ft.)		*Temp. Rating (Deg.F.)	Liner Conductive (Yes/No)
		w/armor	w/o armor			w/armor	w/o armor	w/armor	w/o armor		
<b>TSC</b>	0.25	0.540	0.375	3000	12,000	3.0	2.0	0.277	0.098	-100 to 450	No
<b>TSCZ</b>	0.25	0.625	0.420	3600	14,400	3.0	3.0	0.300	0.136	-100 to 450	No
<b>TSHD</b>	0.229	0.660	0.495	6000	24,000	5.0	3.0	0.454	0.240	-65 to 400	Yes

\* Based on intermittent service.



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