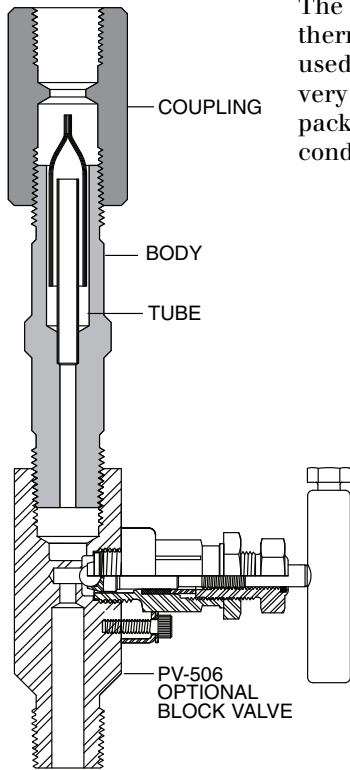
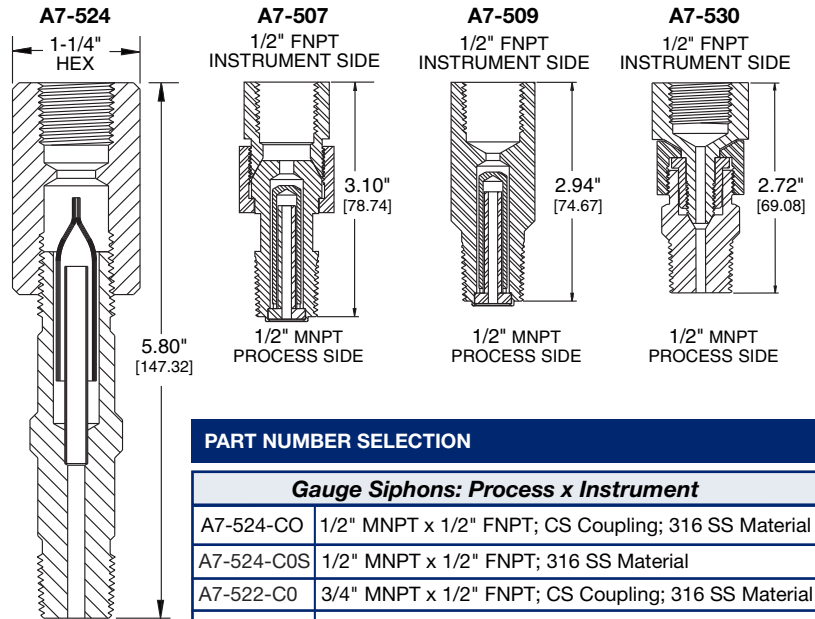


Gauge Siphons and Swivels



The PGI Gauge Siphon replaces the old style "Pigtail" siphon. The siphon provides a thermal barrier, protecting your instruments from harmful vapors. The siphon can be used as either a freeze or steam protector when used with the proper fill fluids. When very high heat is present, the siphon, used in conjunction with the PGI V-506 Grafoil packed Hand Valve, reduces temperatures seen at the instrument by lengthening the condensate leg.



ESTIMATED GAUGE TEMPERATURES

By knowing the material of construction, saturated steam conditions, and ambient temperature, the chart below can estimate the gauge temperature for the A7-522/524-C0 & C0S. For example, if using an A7-524-C0 in an application of 500 psig, 470°F saturated steam, and 90°F ambient temperature, Chart 1 (Carbon Steel) can be utilized by following the 90°F ambient temperature curve to 500 psig. An estimated gauge temperature of 180°F is shown. The same method will be applied for an A7-524-C0S on Chart 2 (Stainless Steel.) The estimated gauge temperature will be 144°F.

CHART 1

Carbon Steel

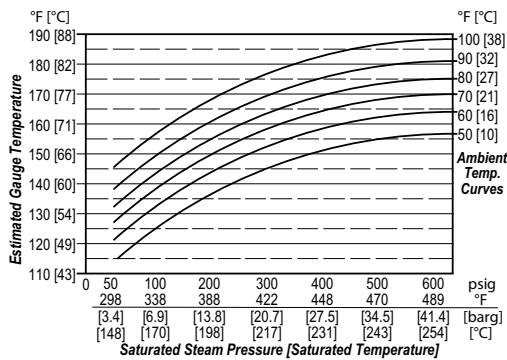
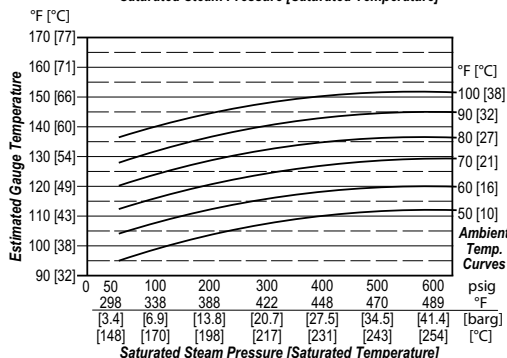


CHART 2

Stainless Steel



PART NUMBER SELECTION

| Gauge Siphons: Process x Instrument | |
|-------------------------------------|---|
| A7-524-C0 | 1/2" MNPT x 1/2" FNPT; CS Coupling; 316 SS Material |
| A7-524-C0S | 1/2" MNPT x 1/2" FNPT; 316 SS Material |
| A7-522-C0 | 3/4" MNPT x 1/2" FNPT; CS Coupling; 316 SS Material |
| A7-522-C0S | 3/4" MNPT x 1/2" FNPT; 316 SS Material |
| A7-507-C0 | With Excess Flow Check & Swivel; 1/2" MNPT x 1/2" FNPT; 316 SS Material |
| A7-508-C0 | 3/4" MNPT x 3/4" FNPT; 316 SS Material |
| A7-509-C0 | With Excess Flow Check; 1/2" MNPT x 1/2" FNPT; 316 SS Material |
| A7-530-C0 | Gauge Swivel Only; 1/2" MNPT x 1/2" FNPT; 316 SS Material |

PRESSURE VS. TEMPERATURE

| Part No. | Pressure @ Temperature |
|------------|---|
| A7-524-C0 | 6,000 PSI @ 200°F Max 1,500 PSI @ 500°F Max |
| A7-524-C0S | 6,000 PSI @ 200°F Max 1,500 PSI @ 1,000°F Max |
| A7-530-C0 | 10,000 PSI @ 200°F Max 1,500 PSI @ 1,000°F Max |
| A7-507-C0 | 1,500 PSI @ 1,000°F Max |
| A7-508-C0 | 10,000 PSI @ 200°F Max 1,500 PSI @ 800°F Max |
| A7-509-C0 | 1,500 PSI @ 1,000°F Max |

WEIGHTS

Approx. Weights:
 1.51 lbs. [0.68 kg] ea. (A7-508 and A7-522/524-C0/C0S)
 0.58 lbs. [0.26 kg] ea. (A7-530-C0)
 0.60 lbs. [0.27 kg] ea. (A7-507-C0)
 1.00 lbs. [0.45 kg] ea. (A7-509-C0)