



# Appendix A: Reference Tables

## Fittings and Adapters



### Materials and Specifications

#### Temperature Range

-450°F to 1500°F (-265°C to 815°C)

#### Oxygen Service

Cleaned to CGA G4.1 specifications

### Ordering Information

Part No.	Description	Connections	Body Material
529 0019	1/2" x 1/2" manifold connector	1/2" MPT x 1/2" MPT (3000 PSIG max)	Stainless steel
529 0024	1/2" x 1/4" manifold connector	1/2" MPT x 1/4" MPT (3000 PSIG max)	Stainless steel
529 0224	1/4" x 1/4" manifold connector	1/2" MPT x 1/4" MPT (3000 PSIG max)	Stainless steel
550 0760	Inert liquid withdrawal	1/2" MPT x CGA 295 (liquid nitrogen and argon)	Brass
550 0761	Oxygen liquid withdrawal	3/8" MPT x CGA 440 (liquid oxygen)	Brass
550 0762	90° Elbow extension	CGA 440 x CGA 440 (liquid oxygen)	304 stainless steel
550 0764	90° Elbow extension	CGA 295 x CGA 295 (liquid nitrogen and argon)	304 stainless steel
829 1839	Union gland	1/2" MPT (3000 PSIG max)	Brass
829 1840	Union nut	1" (3000 PSIG max)	Brass
830 6498	Union connector	1/2" MPT (3000 PSIG max)	Brass
830 6163	Reducing adapter	1/2" MPT x 1/4" FPT (3000 PSIG max)	Brass
830 6164	Reducing adapter	1/2" MPT x 1/4" FPT (4500 PSIG max)	Stainless steel
830 9805	Reducing adapter	1/2" MPT x 3/8" FPT (3000 PSIG max)	Brass
830 6155	1/2" tee	1/2" FPT (3000 PSIG max)	Brass
830 6499	1/2" male nipple	1/2" MPT x 3/8" (3000 PSIG max)	Brass
803 4250	1/4" male nipple	1/4" MPT (3000 PSIG max)	Brass
555 0221	1/4" tube fitting	1/4" tube x 1/4" MPT (3000 PSIG max)	Brass
554 0121	1/8" tube fitting	1/8" tube x 1/4" MPT (3000 PSIG max)	Brass
550 0167	6mm tube fitting	6mm tube x 1/4" MPT (3000 PSIG max)	Brass
830 5371	1/2" tube fitting	1/2" tube x 1/2" MPT (3000 PSIG max)	Brass
550 0035	1/4" male nipple	1/4" MPT (3000 PSIG max)	Chrome-plated brass
550 0031	1/4" tube fitting	1/4" tube x 1/4" MPT (3000 PSIG max)	Chrome-plated brass
554 0032	1/8" tube fitting	1/8" tube x 1/4" MPT (3000 PSIG max)	Chrome-plated brass
550 0142	6mm tube fitting	6mm tube x 1/4" MPT (3000 PSIG max)	Chrome-plated brass
553 4104	1/4" male nipple	1/4" MPT (6000 PSIG max)	316L stainless steel
555 0220	1/4" tube fitting	1/4" tube x 1/4" MPT (6000 PSIG max)	316L stainless steel
554 0120	1/8" tube fitting	1/8" tube x 1/4" MPT (6000 PSIG max)	316L stainless steel
550 0165	6mm tube fitting	6mm tube x 1/4" MPT (6000 PSIG max)	316L stainless steel
830 6149	1/2" tube fitting	1/2" tube x 1/2" MPT (6000 PSIG max)	316L stainless steel
550 1002-CON	Cylinder connection	1/4" MPT x CON	Brass
550 1004-CON	Cylinder connection	1/4" MPT x CON	Stainless steel
550 1009-CON	Cylinder connection	1/4" MPT x CON	Chrome-plated brass