

DISTRIBUTION ACCESSORIES



HIGH-PRESSURE FLEXIBLE HOSES

These all-metal hoses are ideal for high-pressure industrial applications. Custom-machined end fittings with stainless steel locking collars and a 304 stainless steel reinforcing braid provide a highly durable assembly with excellent flexibility. All hoses are encased in stainless steel armor to protect the hose from kinking, braid abrasion, and stress at the ends.



Materials and Specifications

Maximum Working Pressure

4,500 PSIG (310 BAR)

Diameter

.229 inches inner diameter
.560 inches outer diameter

Minimum Bend Radius

3.0"

Temperature Range

-100°F to 450°F (-73°C to 232°C)

Oxygen Service

Cleaned to CGA G4.1 specifications

Ordering Information

Part Number	Connections	Length (in.)	Weight (lbs.)	Core	Casing
529 0058-CON	1/4" MNPT x CON*	36"	0.24	Stainless Steel	Stainless Steel Armor
529 0258-CON	1/4" MNPT x CON*	72"	0.48	Stainless Steel	Stainless Steel Armor
529 0259-CON	1/4" MNPT x CON*	144"	0.96	Stainless Steel	Stainless Steel Armor
529 0058-001	1/4" MNPT x 1/4" FNPT	36"	0.24	Stainless Steel	Stainless Steel Armor
529 0258-001	1/4" MNPT x 1/4" FNPT	72"	0.48	Stainless Steel	Stainless Steel Armor
529 0259-CON	1/4" MNPT x 1/4" FNPT	144"	0.96	Stainless Steel	Stainless Steel Armor

* Please specify cylinder connection

LIQUID CYLINDER HOSES

Specifically designed to connect a liquid cylinder to an external vaporizer, these all stainless hoses offer complete flexibility, durability, and fast cool-down. Machined end connections and a long collar extend the hose life, and low profile corrugations provide faster filling, lower pressure drop, and less product loss. Full armor casing protects the hose from abrasion and damage.



Materials and Specifications

Maximum Working Pressure

1,000 PSIG (70 BAR)

Diameter

.500 inches inner diameter
1.00 inches outside diameter

Minimum Bend Radius

6.0"

Temperature Range

-450°F to 1500°F (-265°C to 815°C)

Oxygen Service

Cleaned to CGA G4.1 specifications

Ordering Information

Part Number	Connections	Length (in.)	Weight (lbs.)	Core	Casing
529 0245	CGA 440 (5/8" Flare) Liquid Oxygen	48"	2.2	Stainless Steel	Stainless Steel Armor
529 0246	CGA 440 (5/8" Flare) Liquid Oxygen	60"	2.8	Stainless Steel	Stainless Steel Armor
529 0247	CGA 440 (5/8" Flare) Liquid Oxygen	72"	3.4	Stainless Steel	Stainless Steel Armor
529 0248	CGA 440 (5/8" Flare) Liquid Oxygen	120"	5.8	Stainless Steel	Stainless Steel Armor
529 0249	CGA 440 (5/8" Flare) Liquid Oxygen	144"	7.0	Stainless Steel	Stainless Steel Armor
529 0250	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	48"	2.2	Stainless Steel	Stainless Steel Armor
529 0251	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	60"	2.8	Stainless Steel	Stainless Steel Armor
529 0252	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	72"	3.4	Stainless Steel	Stainless Steel Armor
529 0253	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	120"	5.8	Stainless Steel	Stainless Steel Armor
529 0254	CGA 295 (1/2" Flare) Liquid Nitrogen and Argon	144"	7.0	Stainless Steel	Stainless Steel Armor