



# is for Air Cascade Systems

At CRP, our highly trained customer service staff will be happy to discuss custom lengths and accommodate all of your Air Cascade Hose needs. And unlike other manufacturers, no order is too big or too small, so there's never a required minimum. Most importantly, we understand how vital it is for your business that your hoses be shipped as quickly as possible. So rest assured, you can count on us for timeliness when it counts.

#### AIR CASCADE HOSE FEATURES:

- Working pressures from 1,750 psi to 10,000 psi
- Hose sizes from 1/8" to 1"
- Wide variety of fitting options — NPT, NPSM, and JIC in plated or Stainless Steel – male (M) or female (F)
- Lengths up to 500'
- Suitable for filling breathing tanks and air lines



## 1000UK SERIES

### WIRE REINFORCED THERMOPLASTIC AIR CASCADE HOSE



High pressure, high performance hose with steel braid reinforcement for strength. Offers optimum resistance to most chemicals, gases, and air with no absorption.

**CONSTRUCTION:**

**Inner:** Seamless Nylon 6 Liner

**Outer:** Abrasion Resistant Polyurethane Cover

**COUPLING CAPABILITIES:** NPT, NPSM, JIC Plated or Stainless Steel – M or F

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MINIMUM BURST PRESSURE	WEIGHT (LBS/FT)	MAXIMUM LENGTH	TEMPERATURE RANGE
1003K	■	1	1/8 (3.2)	0.27 (7.0)	1.2 (30)	5,075 psi	20,300 psi	0.04	4" up to 500'	-40 to +212°F
1004UK	■ ■	1	3/16 (4.8)	0.37 (9.4)	1.0 (25)	5,250 psi	21,000 psi	0.08	4" up to 500'	-40 to +212°F
1006UK	■ ■	1	1/4 (6.4)	0.46 (11.7)	1.5 (37)	5,000 psi	18,000 psi	0.11	4" up to 500'	-40 to +212°F
1010UK	■ ■	1	3/8 (9.5)	0.60 (15.1)	2.0 (50)	3,500 psi	13,000 psi	0.15	4" up to 500'	-40 to +212°F
1013UK	■ ■	1	1/2 (12.7)	0.72 (18.3)	3.0 (75)	3,000 psi	12,000 psi	0.20	4" up to 500'	-40 to +212°F
1020UK	■	1	3/4 (19.1)	1.0 (25.5)	6.7 (170)	1,750 psi	7,000 psi	0.29	4" up to 300'	-40 to +212°F
1025UK	■	2	1 (25.4)	1.3 (32.5)	9.1 (231)	2,750 psi	11,000 psi	0.65	4" up to 300'	-40 to +212°F

## 2000UK SERIES

### WIRE REINFORCED THERMOPLASTIC AIR CASCADE HOSE



High pressure, high performance hose with steel braid reinforcement for strength. Offers optimum resistance to most chemicals, gases, and air with no absorption.

**CONSTRUCTION:**

**Inner:** Seamless Nylon 6 Liner = 2006/2010/2013  
Seamless Nylon 12 Liner = 2020/2025

**Outer:** Abrasion Resistant Polyurethane Cover

**COUPLING CAPABILITIES:** NPT, NPSM, JIC Plated or Stainless Steel – M or F

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MINIMUM BURST PRESSURE	WEIGHT (LBS/FT)	MAXIMUM LENGTH	TEMPERATURE RANGE
2006UK	■	2	1/4 (6.4)	0.54 (13.7)	1.0 (25)	6,170 psi	28,000 psi	0.21	4" up to 500'	-40 to +212°F
2010UK	■ ■	2	3/8 (9.5)	0.67 (17.0)	1.5 (37)	6,000 psi	24,000 psi	0.28	4" up to 500'	-40 to +212°F
2013UK	■ ■	2	1/2 (12.7)	0.80 (20.2)	2.5 (62)	5,000 psi	17,000 psi	0.34	4" up to 300'	-40 to +212°F
2020UK	■ ■	2	3/4 (19.1)	1.07 (27.1)	6.7 (170)	3,100 psi	13,000 psi	0.50	4" up to 300'	-40 to +212°F
2025UK	■	3**	1 (25.4)	1.46 (37.1)	10.0 (254)	4,750 psi	19,000 psi	0.61	4" up to 300'	-40 to +212°F*

\*+158°F for water based fluids  
\*\* 2 Kevlar and 1 Wire Reinforced Braid

## 2000AB SERIES

### FABRIC REINFORCED THERMOPLASTIC BREATHING AND AIR CYLINDER CHARGING HOSE



High pressure, high performance hose with Aramid yarn braid reinforcement designed for air cylinder charging and breathing air applications. Cover is pin-pricked standard.

**CONSTRUCTION:**

**Inner:** Food Grade Polyester Elastomer Tube  
Tube Liner materials comply with FDA Reg. 21 CFR 177.2600 and EU Directive 90/128 Annex II (Sec A&B) and Annex III

**Outer:** Abrasion Resistant Polyurethane Cover

**COUPLING CAPABILITIES:** NPT, NPSM, JIC Plated or Stainless Steel – M or F

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MINIMUM BURST PRESSURE	WEIGHT (LBS/FT)	MAXIMUM LENGTH	TEMPERATURE RANGE
2004AB	■ ■	1	3/16 (4.8)	0.41 (10.4)	1.5 (38.1)	6,000 psi	24,000 psi	0.05	4" up to 500'	-40 to +176°F
2006AB	■ ■	1	1/4 (6.4)	0.48 (12.2)	2.0 (50.8)	6,000 psi	24,000 psi	0.06	4" up to 500'	-40 to +176°F
2010AB	■ ■	1	3/8 (9.5)	0.63 (16.0)	2.5 (63.5)	6,000 psi	24,000 psi	0.10	4" up to 500'	-40 to +176°F

**NOTE:** This hose is designed for Air Charging Applications and should not be connected between air breathing masks and pressure regulators in breathing apparatus. Hose should not be used with explosive gases such as hydrogen and oxygen.

CUSTOM SIZES AND OTHER COUPLING CAPABILITIES AVAILABLE ON ALL HOSES.

TO PLACE AN ORDER OR SPEAK WITH A CRP REPRESENTATIVE, CALL 800-526-4066.