

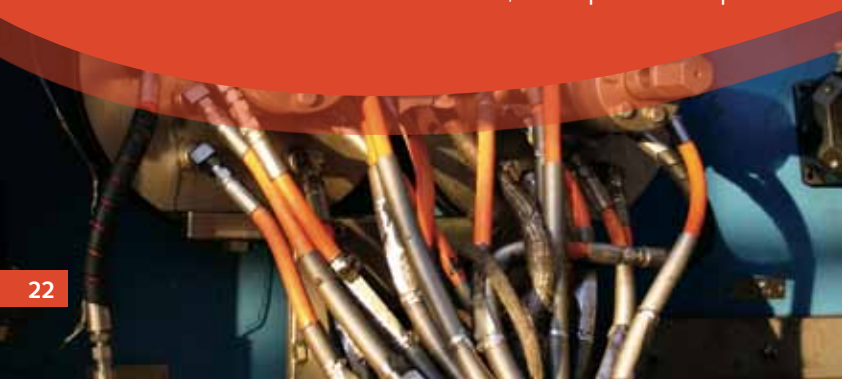
is for High Pressure Hydraulics



CRP's High Pressure Hydraulic Hoses provide excellent hydraulic response times due to their low volumetric expansion. Unlike some other hose manufacturers, CRP offers a TRUE 4 to 1 safety factor on burst pressure. Our thermoplastic hose is lightweight, compact, and won't deteriorate like rubber hoses. We carry hard to find and custom sizes that will fill in your gaps and prevent your customers from shopping elsewhere. And because CRP is customer service focused, no order is too big or too small, even if you're ordering just one hose. CRP Industries is a member of NAHAD.

HIGH PRESSURE HYDRAULIC HOSE FEATURES:

- Low to very high working pressures (up to 10,000 psi)
- UV resistant—does not deteriorate
- Standard fitting options including NPT, NPSM, and JIC in plated or Stainless Steel—male (M) or female (F); other fitting types are available
- Hose sizes from 3/32" up to 1" ID
- Suitable for general hydraulics, bolt torqueing, and jacking
- Custom colors available
- Twin line hoses are welded, not taped or clamped



1000MK SERIES

FABRIC REINFORCED THERMOPLASTIC MICRO-BORE HYDRAULIC HOSE



High pressure mini bore hose reinforced with synthetic yarn. Ideal for use with petroleum or synthetic hydraulic fluids and gases. Superior electrical conductivity. Resistant to most chemicals, paints, and solvents.

CONSTRUCTION:

Inner: Seamless Nylon
Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1002MK	■	1	5/64 (2.0)	0.19 (4.9)	0.8 (20)	6,890 psi	27,550 psi	0.04	4" up to 500'	-40 to +150°F
1003MK	■	1	1/8 (3.0)	0.28 (7.0)	1.6 (40)	5,800 psi	23,200 psi	0.07	4" up to 500'	-40 to +150°F
1004MK	■	1	5/32 (4.0)	0.34 (8.6)	1.6 (40)	6,380 psi	25,520 psi	0.09	4" up to 500'	-40 to +150°F

1100UKH SERIES

FABRIC REINFORCED THERMOPLASTIC HYDRAULIC HOSE (100R7)



All-purpose medium pressure 100R7 hose that is compatible with hydraulic oils, grease, fuel oils, mineral oils, and most phosphate esters, as well as many industrial gases. Excellent flexibility and flex fatigue resistance. Cover is pin-pricked standard.

CONSTRUCTION:

Inner: Polyester Elastomer
Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R7

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1104UKH	■	1	3/16 (4.8)	0.41 (10.4)	1.5 (38)	3,000 psi	12,000 psi	0.05	4" up to 500'	-40 to +212°F*
1106UKH	■	1	1/4 (6.4)	0.49 (12.4)	2.0 (51)	2,750 psi	11,000 psi	0.07	4" up to 500'	-40 to +212°F*
1110UKH	■	1	3/8 (9.5)	0.64 (16.3)	2.5 (64)	2,250 psi	9,000 psi	0.10	4" up to 500'	-40 to +212°F*
1113UKH	■	1	1/2 (12.7)	0.78 (19.9)	3.2 (82)	2,000 psi	8,000 psi	0.14	4" up to 500'	-40 to +212°F*
1120UKH	■	1	3/4 (19.1)	1.03 (26.1)	7.0 (178)	1,250 psi	5,000 psi	0.20	4" up to 300'	-40 to +212°F*
1125UKH	■	1	1 (25.4)	1.28 (32.5)	8.0 (203)	1,000 psi	4,000 psi	0.25	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

1200UKH SERIES

FABRIC REINFORCED THERMOPLASTIC HYDRAULIC HOSE (100R8)



All-purpose medium pressure 100R8 hose that is compatible with hydraulic oils, grease, fuel oils, mineral oils, and most phosphate esters, as well as many industrial gases. Excellent flexibility and flex fatigue resistance. Cover is pin-pricked standard.

CONSTRUCTION:

Inner: Polyester Elastomer
Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R8

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1204UKH	■	1	3/16 (4.8)	0.35 (8.9)	1.2 (31)	5,000 psi	20,000 psi	0.04	4" up to 500'	-40 to +212°F*
1206UKH	■	1	1/4 (6.4)	0.45 (11.4)	2.0 (51)	5,000 psi	20,000 psi	0.06	4" up to 500'	-40 to +212°F*
1210UKH	■	1	3/8 (9.5)	0.61 (15.5)	2.4 (61)	4,000 psi	16,000 psi	0.09	4" up to 500'	-40 to +212°F*
1213UKH	■	1	1/2 (12.7)	0.78 (19.8)	3.2 (82)	3,500 psi	14,000 psi	0.14	4" up to 500'	-40 to +212°F*
1220UKH	■	1	3/4 (19.1)	1.06 (26.9)	6.0 (152)	2,300 psi	9,200 psi	0.21	4" up to 300'	-40 to +212°F*
1225UKH	■	1	1 (25.4)	1.35 (34.3)	8.0 (203)	2,000 psi	8,000 psi	0.31	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

CUSTOM SIZES AND OTHER COUPLING CAPABILITIES AVAILABLE ON ALL HOSES.
 TO PLACE AN ORDER OR SPEAK WITH A CRP REPRESENTATIVE, CALL 800-526-4066.

1000UKNC SERIES

FABRIC BRAID REINFORCED THERMOPLASTIC HYDRAULIC HOSE



All-purpose medium pressure non-conductive hose reinforced with a single braid of polyester fiber. Ideal where non-conductivity is required. Suitable for grease, fuel oils, mineral oils, and phosphate esters. Excellent flexibility and flex fatigue resistance.

CONSTRUCTION:

Inner: Polyester Elastomer

Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R7

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1004UKNC	■	1	3/16 (4.8)	0.41 (10.4)	1.5 (38)	3,000 psi	12,000 psi	0.05	4" up to 500'	-40 to +212°F*
1006UKNC	■	1	1/4 (6.4)	0.49 (12.4)	2.0 (51)	2,750 psi	11,000 psi	0.07	4" up to 500'	-40 to +212°F*
1010UKNC	■	1	3/8 (9.5)	0.64 (16.3)	2.5 (64)	2,250 psi	9,000 psi	0.10	4" up to 300'	-40 to +212°F*
1013UKNC	■	1	1/2 (12.7)	0.78 (19.9)	3.2 (82)	2,000 psi	8,000 psi	0.14	4" up to 300'	-40 to +212°F*
1020UKNC	■	1	3/4 (19.0)	1.03 (26.1)	7.0 (178)	1,250 psi	5,000 psi	0.20	4" up to 200'	-40 to +212°F*
1025UKNC	■	1	1 (25.4)	1.28 (32.5)	8.0 (203)	1,000 psi	4,000 psi	0.25	4" up to 200'	-40 to +212°F*

*+158°F for water based fluids

1000UKT SERIES

WIRE REINFORCED TWIN LINE THERMOPLASTIC HYDRAULIC HOSE



High pressure, high performance twin line hose reinforced with a steel braid. Guaranteed electrical conductivity. Resistant to a wide range of paints, chlorinated solvents, and other chemicals. Extremely durable. Cover is pin-pricked standard.

CONSTRUCTION:

Inner: Seamless Nylon 6 Liner

Outer: Abrasion and Chemical Resistant Polyurethane Cover

COUPLING CAPABILITIES: NPT, NPSM, JIC Standard-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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1006UKT	▬	1	1/4 (6.4)	0.46 (11.7)	1.5 (37)	5,000 psi	18,000 psi	0.22	4" up to 200'	-40 to +212°F
1010UKT	▬	1	3/8 (9.5)	0.60 (15.1)	2.0 (50)	3,500 psi	13,000 psi	0.30	4" up to 200'	-40 to +212°F
1013UKT	▬	1	1/2 (12.7)	0.72 (18.3)	3.0 (75)	3,000 psi	12,000 psi	0.40	4" up to 200'	-40 to +212°F

1000UKTNC SERIES

FABRIC REINFORCED TWIN LINE THERMOPLASTIC HYDRAULIC HOSE



All-purpose medium pressure non-conductive twin line hose reinforced with a single braid of polyester fiber. Ideal where non-conductivity is required. Suitable for grease, fuel oils, mineral oils, and phosphate esters. Excellent flexibility and flex fatigue resistance.

CONSTRUCTION:

Inner: Polyester Elastomer Liner

Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R7

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
1010UKTNC	■	1	3/8 (9.5)	0.64 (16.3)	2.5 (64)	2,250 psi	9,000 psi	0.20	4" up to 200'	-40 to +212°F*
1013UKTNC	■	1	1/2 (12.7)	0.78 (19.9)	3.2 (82)	2,000 psi	8,000 psi	0.28	4" up to 200'	-40 to +212°F*

*+158°F for water based fluids

2000UK SERIES

WIRE AND FABRIC REINFORCED THERMOPLASTIC HYDRAULIC HOSE



A high pressure, high performance hydraulic hose with wire and Kevlar braid reinforcement for strength and guaranteed electrical conductivity. Offers optimum resistance to a wide range of paints, chlorinated solvents, and other chemicals. Extremely durable. Cover is pin-pricked standard.

CONSTRUCTION:

Inner: Seamless Nylon 11 Liner
Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
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

2000UKNC SERIES

FABRIC BRAID REINFORCED THERMOPLASTIC HYDRAULIC HOSE



All-purpose medium pressure non-conductive hose reinforced with a single braid of polyester fiber. Ideal where non-conductivity is required. Suitable for grease, fuel oils, mineral oils, and phosphate esters. Excellent flexibility and flex fatigue resistance.

CONSTRUCTION:

Inner: Polyester Elastomer Liner
Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R8

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2004UKNC	■	1	3/16 (4.8)	0.41 (10.4)	1.5 (38)	5,000 psi	20,000 psi	0.05	4" up to 500'	-40 to +212°F*
2006UKNC	■	1	1/4 (6.4)	0.49 (12.4)	2.0 (51)	5,000 psi	20,000 psi	0.07	4" up to 500'	-40 to +212°F*
2010UKNC	■	1	3/8 (9.5)	0.63 (15.9)	2.5 (64)	4,000 psi	16,000 psi	0.10	4" up to 500'	-40 to +212°F*
2013UKNC	■	1	1/2 (12.7)	0.78 (19.9)	3.2 (82)	3,500 psi	14,000 psi	0.13	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

2000UKTNC SERIES

FABRIC BRAID REINFORCED TWIN LINE THERMOPLASTIC HYDRAULIC HOSE



All-purpose medium pressure non-conductive twin line welded hose reinforced with a single braid of polyester fiber. Ideal where non-conductivity is required. Suitable for grease, fuel oils, mineral oils, and phosphate esters. Excellent flexibility and flex fatigue resistance.

CONSTRUCTION:

Inner: Polyester Elastomer Liner
Outer: Abrasion and Chemical Resistant Polyurethane Cover

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

SPECIFICATION: SAE 100R8

CRP PART NUMBER	COLORS	# OF BRAIDS	NOMINAL I.D. Inches (MM)	NOMINAL O.D. Inches (MM)	MINIMUM BEND RADIUS Inches (MM)	DYNAMIC WORKING PRESSURE	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2006UKTNC	■	1	1/4 (6.4)	0.46 (11.7)	2.0 (51)	5,000 psi	20,000 psi	0.14	4" up to 200'	-40 to +212°F*

*+158°F for water based fluids

CUSTOM SIZES AND OTHER COUPLING CAPABILITIES AVAILABLE ON ALL HOSES.
 TO PLACE AN ORDER OR SPEAK WITH A CRP REPRESENTATIVE, CALL 800-526-4066.

2100UK SERIES

WIRE & FABRIC BRAID REINFORCED THERMOPLASTIC HYDRAULIC HOSE



Ultra high pressure, high performance hydraulic hose reinforced with a braid of steel and polyaramid yarn. Compatible with hydraulic oils, grease, fuel oils, mineral oils, and most phosphate esters. Superior flexibility and bend radii.

CONSTRUCTION:

Inner: Polyester Elastomer Liner

Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2106UK		2	1/4 (6.4)	0.54 (13.7)	1.5 (38)	10,000 psi	40,000 psi	0.15	4" up to 500'	-40 to +212°F*
2110UK		2	3/8 (9.5)	0.74 (18.8)	3.8 (95)	10,000 psi	40,000 psi	0.24	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

2100UKN SERIES

WIRE & FABRIC BRAID REINFORCED THERMOPLASTIC HYDRAULIC HOSE



Ultra high pressure, high performance hose with steel and Kevlar braid reinforcement to ensure mechanical strength and guaranteed electrical conductivity resistance in the order of 1.0 ohms/meter. Superior resistance to most paints, chemicals, and solvents. Cover is pin-pricked for gas applications.

CONSTRUCTION:

Inner: Seamless Nylon 11 Liner

Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2113UKN		2	1/2 (12.7)	0.82 (20.8)	5.0 (127)	6,500 psi	26,000 psi	0.28	4" up to 300'	-40 to +212°F*
2120UKN		3	3/4 (19.1)	1.16 (29.5)	8.0 (203)	6,500 psi	26,000 psi	0.45	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

2100UKT SERIES

WIRE & FABRIC REINFORCED TWIN LINE THERMOPLASTIC HYDRAULIC HOSE



Ultra high pressure twin line thermoplastic hydraulic hose reinforced with 1 steel braid and 1 polyaramid yarn braid. It has superior electrical conductivity resistance. Resistant to a wide range of fluids including oils and chemicals.

CONSTRUCTION:

Inner: Polyester Elastomer Liner

Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2106UKT		2	1/4 (6.4)	0.54 (13.7)	1.5 (38)	10,000 psi	40,000 psi	0.30	4" up to 500'	-40 to +212°F*

*+158°F for water based fluids

3000UK SERIES

WIRE & FABRIC REINFORCED THERMOPLASTIC HYDRAULIC HOSE



Ultra high pressure, high performance hose with steel and Kevlar braid reinforcement to ensure strength and guaranteed electrical conductivity resistance in the order of 1.0 ohms/meter. Superior resistance to most chemicals, paints, and solvents.

CONSTRUCTION:

Inner: Seamless Nylon 11 Liner
Outer: Abrasion and Chemical 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
3013UK	■	3	1/2 (12.7)	0.90 (22.9)	5.0 (127)	8,500 psi	34,000 psi	0.33	4" up to 300'	-40 to +212°F*

*+158°F for water based fluids

2100UKNC SERIES

FABRIC REINFORCED THERMOPLASTIC HOSE



All-purpose high pressure hose suitable for many hydraulic and pneumatic systems. Reinforced with a single braid of polyaramid fiber. Compatible with hydraulic oils, grease, fuel oils, mineral oils, phosphate esters, and many industrial gases. Excellent flexibility and flex fatigue resistance.

CONSTRUCTION:

Inner: Polyester Elastomer 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	MAXIMUM BURST PRESSURE	MAXIMUM WEIGHT (LBS/FT)	LENGTH	TEMPERATURE RANGE
2106UKNC	■	2	1/4 (6.4)	0.54 (13.7)	1.5 (38)	10,000 psi	40,000 psi	0.15	4" up to 200'	-40 to +212°F*

*+158°F for water based fluids

CRP also carries all the hose accessories you need. See pages 46-60 for details.



HOSE JACKETS



PRESSURE GAUGES



QUICK COUPLERS

High Pressure Hydraulics



CUSTOM SIZES AND OTHER COUPLING CAPABILITIES AVAILABLE ON ALL HOSES. TO PLACE AN ORDER OR SPEAK WITH A CRP REPRESENTATIVE, CALL 800-526-4066.