

Reinflex's Non-Conductive Hose incorporates electrical insulation to minimize the risk of charge build-up and fire. In addition to having a wide variety of Non-Conductive Hose in stock, CRP can fabricate custom assemblies with quick turnaround. No job is too big or too small for the experienced hose experts at CRP.

NON-CONDUCTIVE HOSE FEATURES:

- Working pressures from 1,000 psi to 10,000 psi
- Hose sizes from 3/16" to 1"
- Custom lengths available up to 500'
- Ideal for applications such as rescue tools, tree trimming equipment, and heavy machinery hydraulics
- Fitting options — NPT, NPSM, and JIC in plated or Stainless Steel — male (M) or female (F)

is for Non-Conductive



1000UKNC SERIES

FABRIC BRAID REINFORCED THERMOPLASTIC HOSE



All-purpose medium pressure 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 Resistant Polyurethane Cover

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

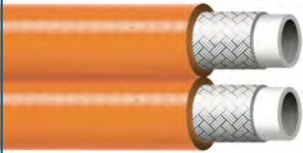
SPECIFICATION: SAE 100R7

| CRP PART NUMBER | COLORS | # OF BRAIDS | NOMINAL I.D. Inches (MM) | NOMINAL O.D. Inches (MM) | MINIMUM BEND RADIUS Inches (MM) | DYNAMIC WORKING PRESSURE | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM 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 (19.1) | 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

1000UKTNC SERIES

FABRIC REINFORCED TWIN LINE THERMOPLASTIC HOSE



All-purpose high pressure non-conductive twin line 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

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 | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM 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

2000UKNC SERIES

FABRIC BRAID REINFORCED THERMOPLASTIC HOSE



All-purpose medium pressure 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 Resistant Polyurethane Cover

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

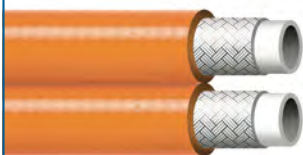
SPECIFICATION: SAE 100R8

| CRP PART NUMBER | COLORS | # OF BRAIDS | NOMINAL I.D. Inches (MM) | NOMINAL O.D. Inches (MM) | MINIMUM BEND RADIUS Inches (MM) | DYNAMIC WORKING PRESSURE | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM 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* |
| 2020UKNC | ■ | 1 | 3/4 (19.1) | 1.04 (26.5) | 5.91 (150) | 2300 psi | 9200 psi | 0.24 | 4" up to 300' | -40 to +212°F* |

*+158°F for water based fluids

2000UKTNC SERIES

FABRIC REINFORCED TWIN LINE THERMOPLASTIC HOSE



All-purpose high pressure non-conductive twin line 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
Colors: Blue, Red, Yellow, Orange, Green

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 | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM 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* |
| 2010UKTNC | | 1 | 3/8 (9.5) | 0.63 (15.9) | 5.0 (127) | 4,000 psi | 16,000 psi | 0.20 | 4" up to 200' | -40 to +212°F* |

*+158°F for water based fluids

2100UKNC SERIES

FABRIC REINFORCED THERMOPLASTIC HOSE



All-purpose high pressure non-conductive 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 | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM LENGTH | TEMPERATURE RANGE |
|-----------------|--------|-------------|--------------------------|--------------------------|---------------------------------|--------------------------|------------------------|-----------------|----------------|-------------------|
| 2104KNC | | 2 | 3/16 (4.8) | 0.43 (10.9) | 1.2 (30.5) | 10,000 psi | 40,000 psi | 0.06 | 4" up to 300' | -40 to +212°F* |
| 2106UKNC | | 2 | 1/4 (6.4) | 0.57 (14.5) | 1.5 (38) | 10,000 psi | 40,000 psi | 0.11 | 4" up to 200' | -40 to +212°F* |
| 2110UKNC | | 2 | 3/8 (9.5) | 0.54 (13.7) | 2.76 (70.1) | 8,000 psi | 32,000 psi | 0.13 | 4" up to 300' | -40 to +212°F* |

*+158°F for water based fluids

2100TNC SERIES

FABRIC REINFORCED TWIN LINE THERMOPLASTIC HOSE



All purpose high pressure non-conductive hose suitable for many hydraulic and pneumatic systems. Reinforced with two braids of polyamid fiber. Compatible with hydraulic oils, grease, fuel oils, phosphat 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 | MINIMUM BURST PRESSURE | WEIGHT (LBS/FT) | MAXIMUM LENGTH | TEMPERATURE RANGE |
|-----------------|--------|-------------|--------------------------|--------------------------|---------------------------------|--------------------------|------------------------|-----------------|----------------|-------------------|
| 2104TNC | | 2 | 3/16 (4.8) | 0.43 (10.9) | 1.2 (30.5) | 10,000 psi | 40,000 psi | 0.15 | 4" up to 300' | -40 to +212°F* |
| 2106TNC | | 2 | 1/4 (6.4) | 0.57 (14.5) | 1.5 (38) | 10,000 psi | 40,000 psi | 0.24 | 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.