



is for Air & Fluid Transfer



With more than 30 years experience, it's no wonder Reinflex is often called upon by the air and fluid transfer industry. Our Air and Fluid Transfer Hoses are competitively priced and ideal for low pressure applications. Full reels are available or we can create custom assemblies specifically designed to suit your application needs. The hoses are compatible with most re-usable fittings.

AIR AND FLUID TRANSFER HOSE FEATURES:

- Working pressure from 1,750 psi to 5,000 psi
- Hose sizes from 3/16" to 1"
- Custom assemblies
- Available in continuous lengths up to 200'
- Minimal change in length at operating pressures
- Suitable for a wide range of industrial and agricultural applications, including suction, syphon kits and paint pick up



1004T SERIES

SYNTHETIC REINFORCED RUBBER LOW PRESSURE AIR & FLUID TRANSFER HOSE



Ideal for flexible air transfer for abrasives material blasting systems and other industrial, construction or agricultural applications. EPDM hose and tube with spiral yarn reinforcement.

CONSTRUCTION:

Inner: EPDM
Outer: EPDM

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)	COIL SIZE	TEMPERATURE RANGE
1004TYG	■ ■	1	3/16 (4.8)	0.44 (11.2)	N/A	200 psi	N/A	0.14	800**	-40 to +190°F
1004TYY	■ ■	1	3/16 (4.8)	0.44 (11.2)	N/A	200 psi	N/A	0.14	800**	-40 to +190°F

* Coils may contain multiple lengths (max. 3)

AIR HOSE SERIES

SYNTHETIC REINFORCED RUBBER LOW PRESSURE AIR & FLUID TRANSFER HOSE



Ideal for a wide range of applications including industrial, construction, and agricultural. Reinforced synthetic rubber with spiral synthetic yarn. Medium oil resistance.

CONSTRUCTION:

Inner: Synthetic Rubber RMA Class C
Outer: Synthetic Rubber

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
55-1982-04	■	1	1/4 (6.4)	0.50 (12.7)	N/A	200 psi	800 psi	0.09	500**	-40 to +190°F
55-1982-10	■	1	5/16 (7.9)	0.58 (14.7)	N/A	200 psi	800 psi	0.12	500**	-40 to +190°F
55-1982-16	■	1	3/8 (9.5)	0.67 (17.0)	N/A	200 psi	800 psi	0.15	500**	-40 to +190°F
55-1982-22	■	1	1/2 (12.7)	0.81 (20.6)	N/A	200 psi	800 psi	0.22	500**	-40 to +190°F

* Coils may contain multiple lengths (max. 3)

FLUID HOSE SERIES

SYNTHETIC REINFORCED RUBBER LOW PRESSURE AIR & FLUID TRANSFER HOSE



Premium quality all purpose hose for handling a variety of applications such as paint or agricultural spray. Suitable for paints, lacquers, thinners, oil, and solvents.

CONSTRUCTION:

Inner: Nylon, RMA Class B Branded Synthetic Yarn
Outer: Synthetic Neoprene

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
55-1942-04	■	1	1/4 (6.7)	0.50 (12.7)	2.5 (63.5)	750 psi	3,000 psi	0.08	500**	-40 to +190°F
55-1942-10	■	1	5/16 (7.9)	0.56 (14.3)	2.8 (69.9)	750 psi	3,000 psi	0.13	500**	-40 to +190°F
55-1942-16	■	1	3/8 (9.5)	0.68 (17.5)	3.0 (76.2)	750 psi	3,000 psi	0.15	500**	-40 to +190°F
55-1942-25	■	2	1/2 (12.7)	0.88 (22.4)	4.5 (114.3)	750 psi	3,000 psi	0.22	500**	-40 to +190°F
55-1942-37	■	2	3/4 (19.0)	1.19 (30.2)	6.0 (152.4)	750 psi	3,000 psi	0.36	500**	-40 to +190°F
55-1942-43	■	2	1 (25.4)	1.50 (38)	7.0 (177.8)	750 psi	3,000 psi	0.49	500**	-40 to +190°F

* Coils may contain multiple lengths (max. 3)

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

1100UKH SERIES

FABRIC REINFORCED THERMOPLASTIC AIR & FLUID 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	MINIMUM BURST PRESSURE	WEIGHT (LBS/FT)	MAXIMUM 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 AIR & FLUID 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

MSHA cover available upon request.

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
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

NYLON TUBING SERIES

LOW PRESSURE NYLON TUBING



Nylon tubing absorbs very little water so it will not become brittle or swell because of water. Resistant to solvents, alkalies, oils, greases, petroleum products, fungus, and molds. Generally good resistance to dilute mineral and organic acids. Excellent bend radii.

CONSTRUCTION:

Extruded Nylon

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
TN75-25	Opaque	N/A	1/4 (6.4)	0.35 (8.9)	N/A	250 psi	1,000 psi	0.03	100'	-90 to +212°F
TN75-38	Opaque	N/A	3/8 (9.5)	0.50 (12.7)	N/A	225 psi	900 psi	0.04	100'	-90 to +212°F

Additional sizes are available

PTFE TUBING SERIES

LOW PRESSURE PTFE TUBING



PTFE tubing has the lowest coefficient of friction of any solid material. Excellent electrical and weatherability properties. It can be used with virtually all industrial solvents, chemicals, and corrosive materials, even at elevated temperatures. Outstanding age resistance.

CONSTRUCTION:

Extruded PTFE

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
FEP-20	Opaque	—	1/4 (6.4)	0.38 (9.5)	—	200 psi	800 psi	0.03	50'	-275 to +500°F
FEP-38	Opaque	—	3/8 (9.5)	0.50 (12.7)	—	150 psi	600 psi	0.04	50'	-275 to +500°F

Additional sizes are available

Reinflex also carries all the hose accessories you need. See pages 48-62 for details.



Fluid Transfer



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