



Master **WAIR**house®
Fluid Power Products



Pneumatic Air Hose



Version 2020
Revised 01/2020

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Features and Specifications for Polyurethane (PU) Hose

FEATURES

- * Greater pressure capability than unreinforced polyurethane tubing
- * Resists weathering, tearing, impact, abrasion, radiation exposure, oils, funguses, greases and fuels
- * Withstands repeated flexing, heavy vibration, and abrasion
- * No plasticizers which can migrate and cause flow contamination or tube hardening
- * Light weight
- * Bondable into multi-ribbon hoses

USE

- * Ideal for transferring abrasive materials or media that would be damaging to PVC or to other hoses
- * Generally used with medical equipment
- * Suggested use with barb fittings

SPECIFICATIONS

Product	Temperature Range	Working Pressure	Vaccum Rating	Hardness
Polyurethane Innerbraid Hose	-40°F - 165°F (-40°C - 74°C)	4:1 Safety Factor	To 28" Hg	85 Shore "A" ± 5

POLYURETHANE INNERBRAID HOSE



Part #	ID	OD	Wall	Working Pressure (PSI) @ 75°F	Working Pressure (PSI) @ 150°F	Bend Radius	List Price	Pkg Qty	Pkg Price
PCIBUR-1/4-1	1/4"	0.47"	0.11"	230	150	3/4"	\$ 2.11	100'	\$ 211.36
PCIBUR-3/8-1	3/8"	0.63"	0.127"	155	100	1-1/2"	\$ 3.63	100'	\$ 363.17
PCIBUR-1/2-1	1/2"	0.75"	0.125"	125	80	2"	\$ 4.29	100'	\$ 428.85
PCIBUR-5/8-1	5/8"	0.905"	0.14"	105	70	2-3/4"	\$ 6.11	100'	\$ 610.57
PCIBUR-3/4-1	3/4"	1.025"	0.137"	90	60	3"	\$ 8.02	100'	\$ 802.42
PCIBUR-1-1	1"	1.3"	0.15"	75	50	5"	\$ 10.02	100'	\$ 1,001.95

Features and Specifications for Polyvinylchloride (PVC) Innerbraid Hose

FEATURES

- * Greater pressure capability than unreinforced polyurethane tubing
- * Non-toxic ingredients conform to FDA standards
- * Clear, Flexible, Lightweight
- * Provides full-flow viewing
- * Standard print reads: KPC MADE IN THE USA

USE

- * Great option for the pharmaceutical, medical and food and beverage industries due to its' resistance to bacteria and pathogens
- * Suggested use with barb fittings

SPECIFICATIONS

Product	Temperature Range	Working Pressure PSI @ 70°F	Hardness
Polyvinylchloride	25°F - 150°F (4°C - 66°C)	75-250	80 Shore "A" ± 5

POLYVINYLCHLORIDE (PVC) INNERBRAID HOSE



Part #	ID	OD	Working Pressure (PSI) @ 70°F	List Price	Pkg Qty	Pkg Price
PCH07-03/100	3/16"	0.375"	250	\$ 0.57	100'	\$ 56.88
PCH07-03B	3/16"	0.375"	250	\$ 0.57	300'	\$ 170.64
PCH07-04/100	1/4"	0.438"	250	\$ 0.61	100'	\$ 61.17
PCH07-04B	1/4"	0.438"	250	\$ 0.61	300'	\$ 183.51
PCH07-05/100	5/16"	0.525"	250	\$ 0.79	100'	\$ 78.87
PCH07-05B	5/16"	0.525"	250	\$ 0.79	300'	\$ 236.61
PCH07-06/100	3/8"	0.594"	225	\$ 0.95	100'	\$ 95.07
PCH07-06B	3/8"	0.594"	225	\$ 0.95	300'	\$ 285.21
PCH07-08/100	1/2"	0.75"	200	\$ 1.30	100'	\$ 130.23
PCH07-08B	1/2"	0.75"	200	\$ 1.30	300'	\$ 390.69
PCH07-10/100	5/8"	0.875"	200	\$ 1.62	100'	\$ 162.33
PCH07-10B	5/8"	0.875"	200	\$ 1.62	300'	\$ 486.99
PCH07-12/100	3/4"	1.025"	150	\$ 2.05	100'	\$ 204.74
PCH07-12B	3/4"	1.025"	150	\$ 2.05	300'	\$ 614.22
PCH07-16B	1"	1.312"	125	\$ 2.96	100'	\$ 296.27
PCH07-20B	1-1/4"	1.656"	100	\$ 4.96	100'	\$ 495.87
PCH07-24B	1-1/2"	1.937"	100	\$ 6.31	100'	\$ 630.70
PCH07-32B	2"	2.5"	75	\$ 9.85	100'	\$ 985.14

Features and Specifications for Insta-Grip 300™ Hose

FEATURES

- * Tube: silicone is not used in the manufacturing of this hose; Chemivic® oil- and heat-resistant synthetic rubber; RMA Class A (High Oil Resistance)
- * Cover: MSHA approved, weather-, abrasion, and oil-resistant synthetic rubber; RMA Class B (Medium Oil Resistance)
- * Reinforcement: braided (1) high-strength synthetic yarn laid at the most effective angle for maximum strength and coupling holding ability
- * Nonconductive and minimum electrical resistance, greater than one (1) megohm per inch of hose length at 1000 volts DC.

USE

- * Insta-Grip 300™ hose is ideally used for low-pressure hydraulic and pneumatic systems such as shop air systems, general industrial, maintenance, and automotive assembly applications.

SPECIFICATIONS

Product	Temperature Range	Maximum Pressure
Insta-Grip 300™ Hose	-40°F - 190°F (-40°C - 88°C)	300 PSI

INSTA-GRIP 300™ HOSE



Part #	ID	Nominal OD	Max Working Pressure (PSI)	Bend Radius	Color	List Price	Pkg Qty	Pkg Price
PC535-250-02	1/4"	0.54"	300	3"	Black	\$ 2.44	500'	\$ 1,219.15
PC535-250-03	1/4"	0.54"	300	3"	Red	\$ 2.44	500'	\$ 1,219.15
PC535-250-04	1/4"	0.54"	300	3"	Blue	\$ 2.44	500'	\$ 1,219.15
PC535-250-05	1/4"	0.54"	300	3"	Green	\$ 2.44	500'	\$ 1,219.15
PC535-250-08	1/4"	0.54"	300	3"	Gray	\$ 2.44	500'	\$ 1,219.15
PC535-375-02	3/8"	0.69"	300	3"	Black	\$ 2.77	500'	\$ 1,386.60
PC535-375-03	3/8"	0.69"	300	3"	Red	\$ 2.77	500'	\$ 1,386.60
PC535-375-04	3/8"	0.69"	300	3"	Blue	\$ 2.77	500'	\$ 1,386.60
PC535-375-05	3/8"	0.69"	300	3"	Green	\$ 2.77	500'	\$ 1,386.60
PC535-375-08	3/8"	0.69"	300	3"	Gray	\$ 2.77	500'	\$ 1,386.60
PC535-500-02	1/2"	0.81"	300	5"	Black	\$ 3.37	500'	\$ 1,683.05
PC535-500-03	1/2"	0.81"	300	5"	Red	\$ 3.37	500'	\$ 1,683.05
PC535-500-04	1/2"	0.81"	300	5"	Blue	\$ 3.37	500'	\$ 1,683.05
PC535-500-05	1/2"	0.81"	300	5"	Green	\$ 3.37	500'	\$ 1,683.05
PC535-500-08	1/2"	0.81"	300	5"	Gray	\$ 3.37	500'	\$ 1,683.05
PC535-750-02	3/4"	1.07"	300	7"	Black	\$ 6.65	500'	\$ 3,323.10
PC535-750-03	3/4"	1.07"	300	7"	Red	\$ 6.65	500'	\$ 3,323.10
PC535-750-04	3/4"	1.07"	300	7"	Blue	\$ 6.65	500'	\$ 3,323.10
PC535-750-05	3/4"	1.07"	300	7"	Green	\$ 6.65	500'	\$ 3,323.10
PC535-750-08	3/4"	1.07"	300	7"	Gray	\$ 6.65	500'	\$ 3,323.10

Features and Specifications for Frontier Hose

FEATURES

- * Tube/Cover: EPDM synthetic rubber, RMA Class C (Limited Oil Resistance).
- * Reinforcement: spiral synthetic yarn, 2" is braided.

USE

- * An economical air and water hose.
- * The Frontier hose can be used for a wide range of industrial, construction, and agriculture applications.

SPECIFICATIONS

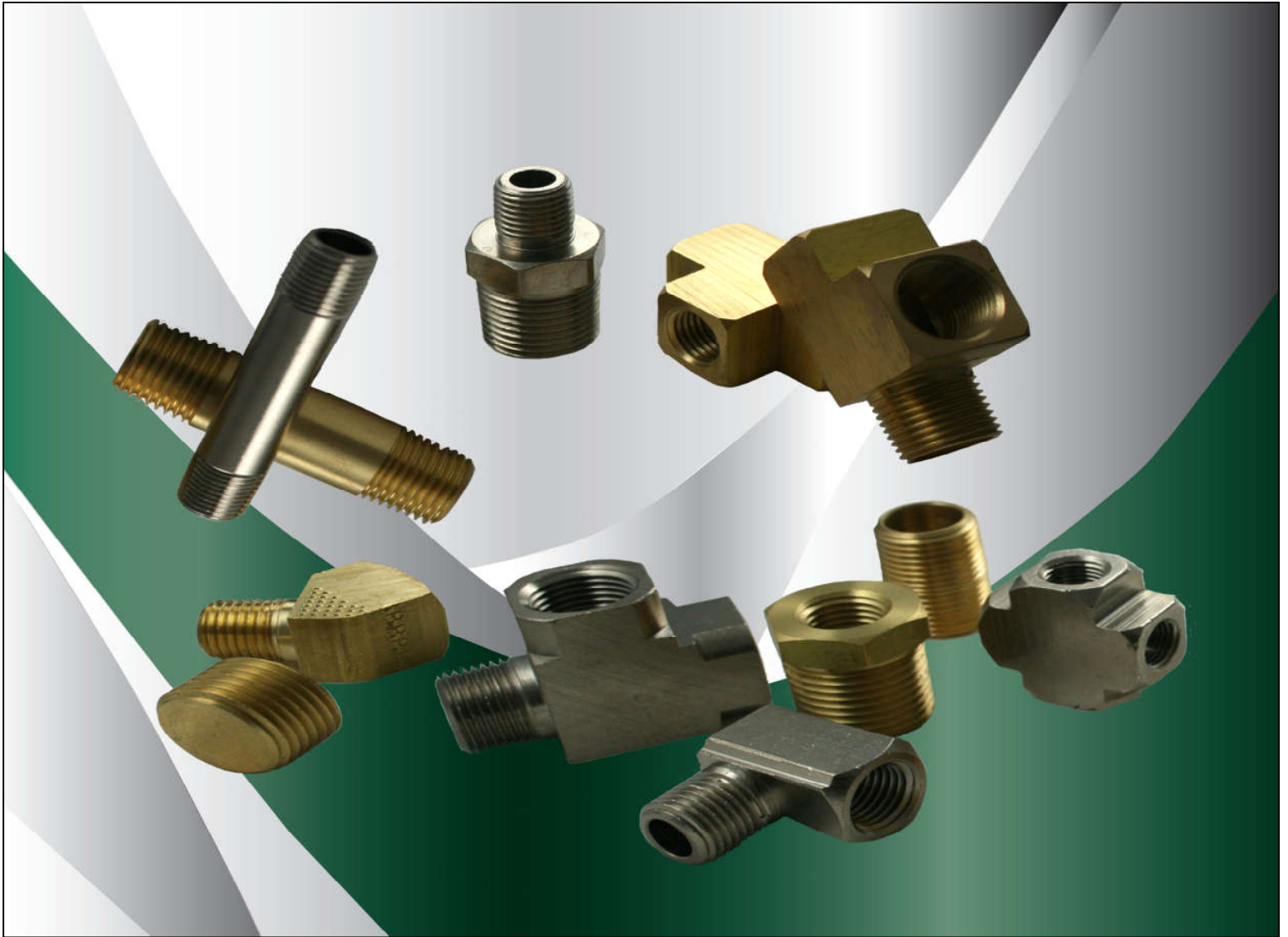
Product	Temperature Range	Maximum Pressure
Frontier Hose	-40°F - 190°F (-40°C - 88°C)	250 PSI

FRONTIER HOSE



Part #	ID	Nominal OD	Max Working Pressure (PSI)	Color	List Price	Pkg Qty	Pkg Price
PC569-250-02	1/4"	0.53"	250	Black	\$ 1.56	500'	\$ 779.40
PC569-250-03	1/4"	0.53"	250	Red	\$ 1.61	500'	\$ 803.30
PC569-375-02	3/8"	0.70"	250	Black	\$ 1.96	500'	\$ 980.20
PC569-375-03	3/8"	0.70"	250	Red	\$ 2.07	500'	\$ 1,032.80
PC569-375-06	3/8"	0.70"	250	Yellow	\$ 2.16	500'	\$ 1,080.60
PC569-500-02	1/2"	0.84"	250	Black	\$ 2.28	500'	\$ 1,138.00
PC569-500-03	1/2"	0.84"	250	Red	\$ 2.35	500'	\$ 1,176.25
PC569-500-06	1/2"	0.84"	250	Yellow	\$ 2.50	500'	\$ 1,248.00
PC569-750-02	3/4"	1.14"	250	Black	\$ 3.15	500'	\$ 1,573.10
PC569-750-03	3/4"	1.14"	250	Red	\$ 3.38	500'	\$ 1,687.85
PC569-750-06	3/4"	1.14"	250	Yellow	\$ 3.38	500'	\$ 1,687.85

Now that you have your hose
don't forget your fittings!



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pneumatic needs.