



PNEU-THANE™ K5090, K5094, K5096 Series

Lightweight Reinforced Polyurethane Pneumatic Air Tool Hose

An extremely lightweight, tough, flexible pneumatic air tool hose that is suitable for a wide range of industrial and construction applications.

Construction:

- Tube Clear ether-based polyurethane.
- Reinforcement High tensile strength yarn.
- Cover Ether-based polyurethane, available in three colors: K5090 – Turquoise Tint, K5094 – Red, K5096 – Blue.

Features:

- Very lightweight and flexible . . . helps to cut down on work-related injuries.
- Good flex fatigue and resilience characteristics.
- Excellent resistance to oils and solvents.
- High oil resistance, complies with ARPM's Class A Designation.
- Superior cut-resistance.
- High abrasion-resistance . . . provides extra long life compared with conventional PVC or rubber air hoses.

- Good resistance to hydrolysis and algae in warm water applications.
- Silicone-free core and cover.
- Non-conductive compounds.
- Non-marking cover.
- · One-piece lengths.
- Individually shrink-wrapped assemblies are available, see page 39.
- RoHS(16) compliant.
- Phthalate Free!

Applications:

- For use with pneumatic air tools such as roofing nailers, sanders, chippers, impact wrenches, screwdrivers and staplers.
- In-plant assembly line air service.
- Automotive repair and body shops.
- Construction sites.
- Marine applications.
- · Air service for spray painting equipment.

Service Temperature Range: -40°F (-40°C) to +185°F (+85°C)

Nominal Specifications

Standard Stock Colors		Size	Nom	inal ID	Nomi	nal OD		m Working re† (PSI)	Stand Leng		Appro per l	
K5090 Aqua	K5094 Red K5096 Blue	Code	(ln)	(mm)	(ln)	(mm)	@70°F (20°C)	@122°F (50°C)	Reel	Coil/Box	500 ft.	100 ft.
/	~	04	1/4	6.5	.395	10.0	250	200	500 ft.	100 ft.	27 lbs.	4 lbs.
	V	05	5/16	8.0	.472	12.0	250	200	500 ft.	100 ft.	32 lbs.	5 lbs.
✓	V	06	3/8	9.5	.560	14.2	250	200	500 ft.	100 ft.	47 lbs.	8 lbs.
V	V	80	1/2	12.5	.688	17.5	250	200	500 ft.	100 ft.	57 lbs.	10 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

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29

Kuri Tec[®]

A1141, A1144, A1146, A1148 Series Special Purpose PVC/ Polyurethane Air Hose



This special blended hose is ideal for general air and water applications that need to operate at higher temperatures than traditional PVC hoses.

Construction:

- Tube Grey PVC/polyurethane alloy.
- Reinforcement High tensile strength yarn.
- Cover PVC/polyurethane alloy, available in four colors: A1141 – Yellow, A1144 — Red, A1146 — Blue, A1148 – Grey.

Features:

- Grey core tube has excellent cut resistance... complies with ARPM's Class A designation for high oil resistance.
- Highly abrasion-resistant alloy jacket.
- Smooth, non-marking pin-pricked cover.
- Good flexibility over a wide temperature range.
- Good fitting retention at elevated temperatures.

- Silicone-free materials.
- One-piece lengths.
- RoHS(16) compliant.
- Phthalate Free!

Applications:

- Transfer of air and water.
- Ideal for applications in rugged or higher temperature environments.
- Induction welding tubing lines.
- Injection molding coolant lines.
- Transfer of deionized water.
- Transfer of transmission and power steering fluids.
- Lubrication/air drop lines.
- Robotic and pneumatic air lines.
- · Automotive assembly line air hoses.

Note: Not recommended for transfer of brake fluids.

Service Temperature Range: 0°F (-18°C) to +185°F (+85°C)

Nominal Specifications

Standard S		Nomii	nal ID	Nomi	nal OD		ı Working	Standard	Approx.		
	A1141 Yellow		Wollina 15		Nominal OD		Pressure† (PSI)		Length	Weight	
A1144 Red	A1146 Blue A1148 Grey	Code	(In)	(mm)	(ln)	(mm)	@70°F (20°C)	@122°F (50°C)	Reels	per Pkg.	
V	V	04	1/4	6.5	.460	11.7	300	200	500 ft.	37 lbs.	
*		05	5/16	8.0	.520	13.2	300	200	500 ft.	44 lbs.	
V	/	06	3/8	9.5	.625	15.9	300	200	500 ft.	67 lbs.	
V	/	08	1/2	12.7	.770	19.6	300	200	500 ft.	88 lbs.	
*		10	5/8	15.9	.969	24.6	300	175	300 ft.	76 lbs.	
V	/ /	12	3/4	19.0	1.060	26.9	300	150	300 ft.	79 lbs. /	

[†] Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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[★] Note: Series A1144 5/16" and 5/8" ID sizes are non stock items.



Kuri Tec®

TUNDRA-AIR®
K1231, K1232, K1234,
K1236 Series
Air & Water Hose

ULTRA FLEXIBLE FOR INDOOR & OUTDOOR APPLICATIONS!

These hoses, made from specially formulated compounds of high grade PVC resin, are engineered to be tough and flexible at very low temperatures. The superior physical properties and design of the hose makes it outperform other general purpose PVC and rubber hoses in cold weather air tool applications.

Phthalate

Construction:

- Tube High grade low temperature PVC compound.
- Reinforcement High tensile strength polyester yarn.
- Cover High grade low temperature PVC compound, available in four colors: K1231 - Yellow, K1232 - Orange, K1234 - Red, K1236 - Blue.

Features:

- Excellent low temperature flexibility.
- Extremely easy to handle, even in cold weather where other PVC hoses become stiff.
- Excellent abrasion resistance.
- Resilient material avoids permanent deformation caused by stresses.

- One-piece lengths.
- Medium oil resistance, complies with APRM's Class B designation
- Non-marking pin-pricked cover.
- · Light weight.
- Silicone-free materials.
- RoHS(16) compliant.
- Individually shrink-wrapped assemblies are available, see page 39.
- Phthalate Free!

Applications:

- Outdoor air and water hose for use in cold weather, where flexibility is required.
- Ideal for in-plant applications that require very easy handling in tight workspaces.
- In-plant freezer applications requiring air or water service.
- A versatile, lightweight multi-function hose for air, water, or mild chemical use.

Service Temperature Range: -65°F (-54°C) to +150°F (+65°C)

Nominal Specifications

Standard Stock Colors				Size	Nomi	nal ID	Nomir	nal OD		lorking e† (PSI)	Standard Length		pprox. W per Pkg.	t.
	K1232 Orange		K1236 Blue	Code	(In)	(mm)	(ln)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Coils/Reels	100 ft.	300 ft.	500 ft.
~		~	~	04	1/4	6.5	.500	12.7	300	160	100/500 ft.	8 lbs.		38 lbs.
V		~	~	06	3/8	9.5	.625	15.9	300	160	100/500 ft.	10 lbs.		52 lbs.
V		~	~	08	1/2	12.7	.781	19.8	300	160	100/500 ft.	15 lbs.		77 lbs.
*	<i> </i>	*	*	12	3/4	19.1	1.080	27.4	200	120	100/300 ft.	25 lbs.	74 lbs.	
(*	\ \ \ \ \	*	*	16	1	25.4	1.360	34.5	200	120	100/300 ft.	35 lbs.	104 lbs.	ノ

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

★Note: Series K1231, K1234 and K1236 in 3/4" and 1" ID sizes are non stock items.

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

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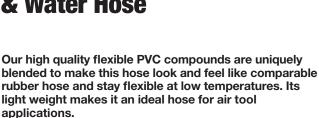
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31

Kuri Tec[®]

POLYAIR® K1131, K1134, K1136, K1137, K1138 Series

Multi-Purpose Air & Water Hose



Construction:

- Tube Black PVC compound.
- Reinforcement Spiral polyester yarn with additional longitudinal yarns . . . reduces elongation under pressure.
- Cover PVC compound in five colors: K1131 Yellow, K1134 - Red, K1136 - Blue, K1137 - Green, K1138 -Grey.

Features:

- U. V. and weather resistant.
- Excellent cold weather flexibility.
- Easily re-coiled after use.
- Medium/high oil resistance, complies with ARPM's Class B Designation.



- Non-marking pin-pricked cover.
- Lightweight.
- One-piece lengths.
- Chemical resistance of PVC.
- Silicone-free materials.
- RoHS(16) compliant.
- Individually shrink-wrapped assemblies are available, see page 40.
- Phthalate Free!

Applications:

- Ideal for in-plant applications requiring color coding of hose supply lines.
- Transfer of air, water and mild water-soluble chemicals.
- Outdoor applications requiring a low temperature hose.
- General air supply line for pneumatic tools and paint spray systems.
- Low pressure spray hose for water-soluble chemicals.

Service Temperature Range: -40°F (-40°C) to +150°F (+65°C)

Nominal Specifications Approx. **Standard Stock Colors** Max. Working **Standard Nominal ID Nominal OD** Weight Pressure† (PSI) Lengths Size per Pkg. K1131 Yellow Code K1134 Red K1136 Blue @122°F K1137 Green @70°F Coil (In) (mm) (In) (mm) Reel Coil Reel (50°C) **K1138 Grey** (20°C) 04 1/4 6.5 .500 12.7 300 180 500 ft. 100 ft. 44 lbs. 8 lbs. 1 .625 15.9 300 500 ft. 100 ft. 67 lbs. 13 lbs. 05 5/16 8.0 180 06 3/8 9.5 .625 15.9 300 180 500 ft. 100 ft. 58 lbs. 11 lbs. 500 ft. 100 ft. 93 lbs. 18 lbs. 80 1/2 12.7 .813 20.7 300 180 10 .906 23.0 250 125 300 ft. 100 ft. 64 lbs. 19 lbs. 5/8 15.9 12 3/4 19.0 1.125 28.6 250 100 300 ft. 100 ft. 96 lbs. 30 lbs. 300 ft. 100 ft. 16 25.4 1.406 35.7 250 100 130 lbs. 41 lbs. 1

NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

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[†] Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.



K1154, K1156 Series General Purpose PVC Air & Water Hose

A general purpose PVC air and water hose for in plant and outdoor applications in temperate climate conditions.

Construction:

- Tube Black PVC compound.
- Reinforcement High tensile strength yarn.
- Cover PVC compound, available in two colors: K1154 – Red and K1156 – Blue.

Features:

- Economical, flexible and lightweight.
- Excellent abrasion resistance.
- U. V. and weather resistant.
- Non-marking pin-pricked cover.

- Silicone-free materials.
- Complies with RMA's Class B designation for medium/ high oil resistance.
- One piece lengths.
- Phthalate Free!

Applications:

- Transfer of air, water and mild water soluble chemicals.
- Ideal for in-plant applications that require an economical general purpose hose.
- Excellent air supply line for pneumatic tools and paint spray systems.

Service Temperature Range: +14°F (-10°C) to +150°F (+65°C)

Nominal Specifications Standard Approx. Wt. **Max. Working** Series No. **Nominal ID Nominal OD** Pressure† (PSI) Length per Pkg. Size K1154 K1156 @70°F Code @122°F Red Blue (In) (mm) (In) (mm) Reel Coil (20°C) (50°C) 1/4 .500 12.7 500 ft. 100 ft. 44 lbs. 8 lbs. 04 6.4 300 150 * 05 5/16 7.9 .625 15.9 300 150 500 ft. 100 ft. 68 lbs. 13 lbs. 06 3/8 9.5 .625 15.9 300 150 500 ft. 100 ft. 56 lbs. 11 lbs. 80 1/2 12.7 .750 19.1 300 150 500 ft. 100 ft. 70 lbs. 14 lbs. 22.6 200 100 10 5/8 15.9 .895 300 ft. 100 ft. 60 lbs. 18 lbs. 200 100 ft. 72 lbs. 22 lbs. 12 3/4 19.1 1.030 26.2 75 300 ft. 16 25.4 1.313 33.3 150 75 300 ft. 100 ft. 105 lbs. 31 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

★ Note: Series K1156 5/16" ID size is a non stock item.

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K1171, K1173, K1174, K1176 Series

General Service PVC Air & Water Hose



A general service PVC air and water hose for indoor or outdoor applications requiring a lightweight hose that can operate at lower temperatures.

Construction:

- Tube Black PVC compound.
- Reinforcement High tensile strength yarn.
- Cover PVC compound, available in four colors: K1171
 Yellow, K1173 Black, K1174 Red, K1176 Blue.

Features:

- Economical, lightweight, low temperature alternative to rubber hose.
- Excellent abrasion resistance.
- U. V. and weather resistant.
- Non-marking pin-pricked cover.

- Complies with RMA's Class B designation for medium/ high oil resistance.
- One piece lengths.
- Formulated for low temperature flexibility.
- Individually shrink-wrapped assemblies are available, see page 41.
- Phthalate Free!

Applications:

- Transfer of air, water and mild water soluble chemicals.
- Ideal for in-plant and outdoor applications that require an economical general purpose hose.
- Excellent air supply line for pneumatic tools and paint spray systems.

Service Temperature Range: -15°F (-26°C) to +150°F (+65°C)

Nominal Specifications Max. Working Standard Stock Colors Nominal ID Nominal OD Standard Approx. Pressure† (PSI) Size Wt. per Length K1171 K1174 K1176 K1173 Code @ 70°F @ 122°F Pkg. Yellow **Black** Red Blue (In) (mm) (In) (mm) (20°C) (50°C) 04 1/4 6.5 .475 12.1 300 150 500 ft. 36 lbs. 300 06 3/8 .600 150 500 ft. 48 lbs. 9.5 15.2 08 1/2 12.7 .750 19.1 300 150 300 ft. 42 lbs. 250 300 ft. 15.9 .860 21.8 125 46 lbs.

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KKTCA0617 33

[†] Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.



K1181, K1184, K1186 Series Utility Grade PVC Air Hose

A lightweight utility air and water hose economically designed for indoor and outdoor applications operating in temperate climate conditions.

Construction:

- Tube Black PVC compound.
- Reinforcement High tensile strength yarn.
- Cover PVC compound, available in three colors: K1181 Yellow, K1184 Red, K1186 Blue.

Features:

- Economical, lightweight construction.
- U. V. and weather resistant.
- One-piece coils.
- Individually shrink-wrapped assemblies are available, see page 41.
- Phthalate Free!

Applications:

- Transfer of air, water and mild water soluble chemicals.
- Indoor/outdoor air tool service.

Service Temperature Range: +14°F (-10°C) to +150°F (+65°C)

Non	Nominal Specifications													
	Standard Stock Colors K1181 K1184 K1186 Yellow Red Blue		Size	Nominal ID		Nomir	nal OD	Max. Working	Standard	Approx.				
K1181 Yellow			Code	(in)	(mm)	(in)	(mm)	Pressure† (PSI) @ 70° F (20° C)	Length Coils	Wt. per Coil (lbs)				
~	~	V V	04 06	1/4 3/8	6.5 9.5	.475 .600	12.1 15.2	300 300	500 ft. 500 ft.	35.0 47.5				

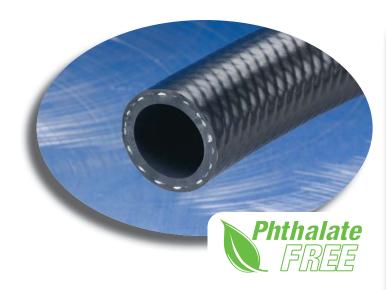
† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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K2163 SeriesContractor PVC Water Hose



A heavy duty PVC water hose suitable for general industrial water and construction applications.

Construction:

- Tube: Black PVC compound.
- Reinforcement: High tensile strength yarn.
- Cover: Black PVC weather resistant compound.

Features:

- Cost effective.
- Lightweight.
- Higher working and burst pressures.
- · Weather resistant PVC cover.

- Silicone-free.
- One-piece lengths.
- Individually shrink-wrapped assemblies are available, see page 42.
- Phthalate Free!

Applications:

- Construction water transfer.
- Heavy duty industrial and commercial watering.
- Irrigation supply lines.
- Municipal maintenance watering.

Service Temperature Range: +25°F (-4°C) to +150°F (+65°C)

Nominal Specifications													
Series	Size			Nominal OD			Vorking e† (PSI)	Standard Length Coils	Approx. Wt. per Pkg.				
No.	Code	(In)	(mm)	(ln)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	,					
K2163	12	3/4	19.1	1.030	26.2	150	75	300 ft.	65 lbs.				

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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KKTCA0617 35



A1307 Series Standard Duty Reinforced PVC Water Hose

An all-purpose PVC hose for light duty industrial watering applications.

Construction:

- Tube Smooth black PVC compound.
- Reinforcement High tensile strength yarn.
- Cover Smooth opaque green PVC compound.

Features:

- Economical.
- Lightweight and easy to handle.
- Good resistance to weather aging, ozone and ultraviolet light.
- · Silicone-free.
- One-piece lengths.
- Phthalate Free!

Applications:

- Light duty industrial watering.
- · Lawn and garden watering.
- · Nursery water supply lines.
- Light duty commercial washdown.

Service Temperature Range: +25°F (-4°C) to +150°F (+65°C)

Nominal Specifications Max. Working Nominal ID Nominal OD Standard Approx. Wt. **Series Size** Pressure† (PSI) **Length Coils** per Pkg. Code No. @ 70°F (20°C) @ 122°F (50°C) (In) (mm) (ln) (mm) A1307 80 1/2 12.7 .692 17.6 125 50 300 ft. 34 lbs. A1307 10 5/8 15.9 .817 20.8 125 50 300 ft. 40 lbs. 3/4 A1307 12 19.1 .972 24.7 100 40 300 ft. 53 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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A1317 Series Heavy Duty Reinforced PVC Water Hose



An all-purpose heavy duty PVC hose that's ideal for golf courses, parks and construction projects.

Construction:

- Tube Smooth black PVC compound.
- Reinforcement High tensile strength yarn.
- Cover Smooth transparent green PVC compound.

Features:

- · Higher working and burst pressures.
- Abrasion-resistant cover.
- · Good resistance to weather aging.
- Silicone-free.

- One-piece lengths.
- Individually shrink-wrapped assemblies are available, see page 42.
- Phthalate Free!

Applications:

- · Golf course water lines.
- Heavy duty commercial and construction use.
- Municipal maintenance and park departments.
- Irrigation supply lines.
- Heavy duty washdown.

Service Temperature Range: +25°F (-4°C) to +150°F (+65°C)

Nominal Specifications													
Series	Size	Nomi	nal ID	Nomii	nal OD		Vorking re† (PSI)	Standard Length Coils	Approx. Wt. per Pkg.				
No.	Code	(ln)	(mm)	(ln)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	20119111 00110	por ring.				
A1317	12	3/4	19.1	1.025	26.0	125	50	300 ft.	65 lbs.				
A1317	16	1	25.4	1.297	32.9	125	50	200 ft./300 ft.	60 lbs./90 lbs.				

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures.

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