



SUPERIOR FLEXIBILITY!

Kuri Tec®

**A1730 Series
Flexible FDA
Polyethylene Hose**

**Phthalate
FREE**

A flexible food grade hose for those applications in which a PVC hose may not be suitable.

Construction:

- Tube - 82 Shore "A" polyethylene in compliance with FDA⁽⁰⁴⁾ and RoHS⁽¹⁶⁾ requirements.
- Reinforcement – High tensile strength yarn.
- Cover - 68 Shore "A" flexible polyethylene cover in compliance with FDA⁽⁰⁴⁾ and RoHS⁽¹⁶⁾ requirements.

Features:

- Flexible non-chlorinated non-PVC hose.
- Can be incinerated without harmful emissions.
- Light weight.
- Phthalate Free!

Applications:

- Applications involving radiation or other contaminants that require disposal of the hose after use.
- Food transfer.

Service Temperature Range: -60°F (-51°C) to +120°F (+49°C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Length		Approx. Wt. per Pkg.	
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Full Coil	Cut Length	Full Coil	Cut Length
A1730	04	1/4	6.5	.460	11.7	150	75	500 ft.	100 ft.	22.5 lbs.	4.5 lbs.
A1730	06	3/8	9.5	.593	15.1	150	75	300 ft.	100 ft.	19.8 lbs.	6.6 lbs.
A1730	08	1/2	12.7	.740	18.8	150	75	300 ft.	100 ft.	17.3 lbs.	9.1 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

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

FDA⁽⁰⁴⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

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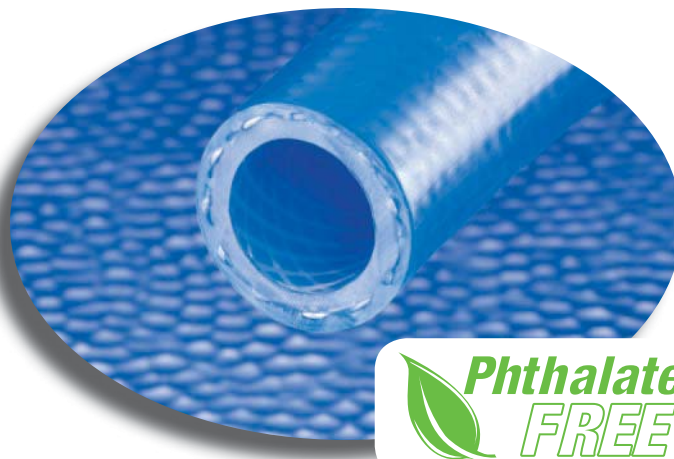
A3236 Series High Purity LLDPE Water Hose



CERTIFIED UNDER
STANDARD 51



Certified to
NSF/ANSI 61 & 372



A flexible, non-contaminating food grade hose that is ideal for use in food, beverage and water applications.

Construction:

- Tube — Special co-extruded tube with the inner contact surface meeting applicable FDA⁽⁰⁴⁾, NSF⁽¹²⁾ and RoHS⁽¹⁶⁾ requirements.
- Reinforcement — High tensile strength yarn.
- Cover — Blue EVA copolymer . . . complies with FDA⁽⁰⁴⁾ and RoHS⁽¹⁶⁾ requirements.

Features:

- Extremely light weight.
- Good resistance to U. V. and weather aging.
- Exceptionally low hydrocarbon extraction into water, as compared to the EPA MCL's (maximum contaminant levels) for drinking water.
- Extremely low hydrocarbon absorption from contaminated water samples.
- Excellent low temperature flexibility.

- Excellent chemical resistance.
- Silicone-free.
- One-piece lengths.
- Opaque jacket reduces tendency for algae growth in warm, sunny applications.
- Phthalate Free!

Applications:

- Transfer of food, beverages and water.
- Transfer of deionized water.
- Water sampling.
- Water bottling equipment.
- Water transfer lines for semiconductor manufacturing, where applicable.
- Temporary residential water supply lines.
- Environmental clean-up applications involving water and chemicals.

Service Temperature Range: -10°F (-23°C) to +140°F (+60°C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)		
A3236	08	1/2	12.7	.750	19.1	200	100	300 ft.	33 lbs.
A3236	12	3/4	19.1	1.125	28.6	200	100	300 ft.	68 lbs.
A3236	16	1	25.4	1.375	34.9	150	75	200 ft.	59 lbs.

Note: * For applications requiring minimal stretch, this hose is also available with longitudinal cords by ordering Series A3246 . . . check with factory for minimum quantity requirements.

Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

† **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.

FDA⁽⁰⁴⁾, NSF⁽¹²⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

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CERTIFIED UNDER STANDARD 51

Kuri Tec®

K6155, K6158 Series

High Purity PVC Potable Water Hose



Certified to NSF/ANSI 61 & 372

A High Purity non-conductive NSF Certified, Phthalate Free hose with colored jacket which is ideal for potable water and deionized water transfer.

Construction:

- Tube – Clear Phthalate Free PVC compound, formulated in compliance with FDA⁽⁰³⁾ and NSF⁽¹²⁾ criteria.
- Reinforcement – High tensile strength yarn.
- Cover – Phthalate Free PVC compound, available in two solid colors: K6155 – White and K6158 – Grey. Additional non-toxic colors (Red, Black, Blue, Green, Yellow and Purple) are available on a special order basis.

Features:

- Made with Phthalate Free PVC compounds certified under NSF-51/NSF-61.
- White or gray jacket to reduce tendency for algae growth and U. V. degradation in warm sunny applications.
- Non-marking cover.

- Non-perforated cover.
- Non-conductive compounds.
- Silicone-free.
- One-piece lengths.
- RoHS⁽¹⁶⁾ compliant.
- Phthalate Free!

Applications:

- Transfer of potable water.
- Transfer of deionized water.
- Induction welding tubing lines.
- Temporary residential water supply lines.
- Water transfer lines for semiconductor manufacturing, where applicable.
- Applications requiring a non-conductive hose.

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

Nominal Specifications

Standard Stock Colors		Size Code	Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.
K6155 White	K6158 Grey		(In)	(mm)	(In)	(mm)	@70°F (20°C)	@122°F (50°C)		
✓	✓	06	3/8	9.5	.594	15.1	225	125	300 ft.	27 lbs.
✓	✓	08	1/2	12.7	.750	19.1	200	100	300 ft.	40 lbs.
✓	✓	12	3/4	19.1	1.031	26.2	150	85	200 ft.	43 lbs.
✓	✓	16	1	25.4	1.300	33.0	125	75	200 ft.	59 lbs.
	✓	24	1 1/2	38.1	1.938	49.2	100	50	100 ft.	64 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

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

FDA⁽⁰³⁾, NSF⁽¹²⁾, PHthalate Free⁽¹⁵⁾, RoHS⁽¹⁶⁾

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K6136 Series

High Purity Street to Home Potable Water Hose



CERTIFIED UNDER STANDARD 51



Certified to NSF/ANSI 61 & 372



REINFORCED WATER SUPPLY & FOOD GRADE HOSES

A quality NSF Certified, Phthalate Free potable water hose specifically designed for temporary water supply and bypass applications.

Construction:

- Tube — Pure white Phthalate Free PVC compound, formulated in compliance with applicable FDA⁽⁰³⁾ and RoHS⁽¹⁶⁾ requirements. . . meets NSF⁽¹²⁾ criteria.
- Reinforcement — High tensile strength yarn, with longitudinal yarns to prevent elongation under pressure.
- Cover — Blue high quality Phthalate Free PVC compound, uniquely blended to provide excellent abrasion- and weather-resistance . . . blue color signifies pure water line.

Features:

- High purity NSF-61⁽¹²⁾ certified tube material diminishes water quality concerns regarding surfaces which are contacted by potable water.
- Inner tube is less porous than the tube in commonly-used conventional rubber hoses, and is easier to flush and keep clean.
- Silicone-free.
- White inner tube and blue cover reduce tendency for algae growth in warm, sunny environments.

- Extremely light weight - 22 to 25% lighter than conventional rubber hose . . . helps to reduce worker fatigue.
- Hassle-free and easier to use . . . requires less installation time than rigid pipe.
- Strong and durable . . . ideal for construction site environments.
- Heavy duty construction limits kinking in the hot summer sun.
- Good abrasion resistance.
- Does not leave a bad taste or odor in the water, unlike conventional rubber hoses.
- Phthalate Free!

Applications:

- Transfer of potable water.
- Water purification systems.
- Temporary surface bypass potable water lines for municipal construction sites.
- Water sampling.

Service Temperature Range: -10°F (-23°C) to +150°F (+65°C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Length Reel	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)		
K6136	12	3/4	19.1	1.125	28.6	250	110	500 ft.	168 lbs.
K6136	32	2	50.8	2.48	63.0	110	45	100 ft.	96 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

Note: Series K6136 is sold in Canada under the Pureflex® name.

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

FDA⁽⁰³⁾, NSF⁽¹²⁾, PHthalate Free⁽¹⁵⁾, RoHS⁽¹⁶⁾

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Kuri Tec®

**K3280, K3285 Series
NSF-61 Certified
Reinforced PVC
Flexible
Connection Hose**



A flexible, Phthalate Free non-contaminating NSF-61 certified hose that is ideal for use in drinking water applications.

Construction:

- Tube — Clear K3280 or white K3285 Phthalate Free tube compound is formulated in compliance with applicable FDA⁽⁰³⁾ regulations, certified under NSF⁽¹⁰⁾ and RoHS⁽¹⁶⁾ criteria.
- Reinforcement — High tensile strength multifilament polyester yarn.
- Cover — Clear Phthalate Free PVC compound formulated in compliance with applicable FDA⁽⁰³⁾ regulations, certified under NSF⁽¹¹⁾ criteria.

Features:

- Made with PVC Phthalate Free compounds certified under NSF-61.
- When coupled properly, hose will pass high temperature extreme test requirement of ASME⁽⁰²⁾ criteria.
- Closely-packed white polyester yarn design ensures minimal expansion of the hose while in service.
- Silicone-free.
- One-piece lengths (cut pieces also available).
- Phthalate Free!

Applications:

- Flexible water connectors.
- Transfer of potable water.
- Transfer of deionized water.
- Water transfer lines for semiconductor manufacturing, where applicable.

Service Temperature Range: +14°F (-10°C) to +140°F (+60°C) Domestic Hot and Cold Water

Nominal Specifications

Series No.		Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.
K3280 Clear	K3285 White Tube		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 150°F (66°C)		
✓		04	.260	6.6	.440	11.1	180	125	500 ft.	28 lbs.
*	✓	05	.320	8.1	.485	12.3	180	125	500 ft.	29 lbs.
✓	✓	06	.380	9.7	.595	15.1	180	125	500 ft.	46 lbs.
✓	✓	08	.505	12.8	.740	18.8	180	125	500 ft.	64 lbs.

† **Note:** Working Pressure decreases as temperature increases. The pressure ratings of hose assemblies can be affected by the type of fitting used and the coupling procedure. We cannot be responsible for the suitability of the user's fittings or the coupling method used. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

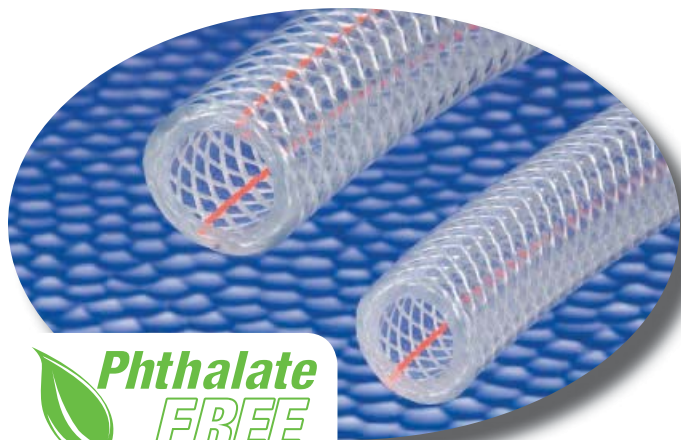
* **Note:** Non stock item.

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

ASME⁽⁰²⁾, FDA⁽⁰³⁾, NSF⁽¹¹⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾

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Kuri Tec®



CLEARBRAID® K3150 Series RF Standard Wall PVC Food & Beverage Hose

A lightweight standard wall crystal clear Phthalate Free yarn reinforced hose suitable for a wide variety of food and beverage applications.

Construction:

Crystal clear Phthalate Free PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁸⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾, UL⁽¹⁷⁾, RoHS⁽¹⁶⁾ and USP⁽¹⁹⁾ Class VI criteria. Reinforced with spiraled polyester yarn and longitudinal orange tracer yarns for identification.

Features:

- Constructed with Phthalate Free compounds.
- NSF-51 certified material.
- Crystal clear — allows visual confirmation of product flow.
- Longitudinally-reinforced to reduce elongation under pressure.

- Light weight.
- Self-extinguishing.
- Non-marking.
- Silicone-free.
- Non-conductive.
- One-piece lengths.
- Resistant to chemicals (see chemical-resistance chart).
- Compound hardness 73 ±3 Shore "A".
- Phthalate Free!

Applications:

- Food & beverage dispensing.
- Deionized water.
- Liquid food products.
- Air and water lines.
- Powdered food products.
- Potable water transfer.
- Air breathing lines.
- Pneumatic lines.
- Packaging machines.

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

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Lengths		Approx. Wt. per Pkg.	
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Full Coil	Cut Length	Full Coil	Cut Length
K3150	03	3/16	4.8	.375	9.5	250	150	300 ft.	100 ft.	13 lbs.	4 lbs.
K3150	04	1/4	6.5	.438	11.1	250	150	300 ft.	100 ft.	17 lbs.	6 lbs.
K3150	05	5/16	7.9	.531	13.5	250	135	300 ft.	100 ft.	24 lbs.	8 lbs.
K3150	06	3/8	9.5	.594	15.1	225	125	300 ft.	100 ft.	27 lbs.	9 lbs.
K3150	08	1/2	12.7	.750	19.1	200	100	300 ft.	100 ft.	40 lbs.	13 lbs.
K3150	10	5/8	15.9	.891	22.6	200	100	200 ft.	100 ft.	35 lbs.	18 lbs.
K3150	12	3/4	19.1	1.031	26.2	150	85	200 ft.	100 ft.	43 lbs.	22 lbs.
K3150	16	1	25.4	1.300	33.0	125	75	200 ft.	100 ft.	59 lbs.	30 lbs.
K3150	20	1 1/4	31.8	1.620	41.1	100	55	100 ft.	50 ft.	45 lbs.	23 lbs.
K3150	24	1 1/2	38.1	1.938	49.2	100	50	100 ft.	50 ft.	64 lbs.	32 lbs.
K3150	32	2	50.8	2.490	63.2	75	35	100 ft.	50 ft.	94 lbs.	47 lbs.
K3150	MM04	.157	4.0	.354	9.0	250	150	—	100 ft.	—	4 lbs.
K3150	MM06	.236	6.0	.433	11.0	250	150	—	100 ft.	—	6 lbs.
K3150	MM08	.315	8.0	.531	13.5	250	135	—	100 ft.	—	8 lbs.
K3150	MM10	.394	10.0	.630	16.0	225	125	—	100 ft.	—	10 lbs.
K3150	MM12	.472	12.0	.709	18.0	200	100	—	100 ft.	—	12 lbs.
K3150	MM19	.748	19.0	1.024	26.0	150	85	—	100 ft.	—	21 lbs.



† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

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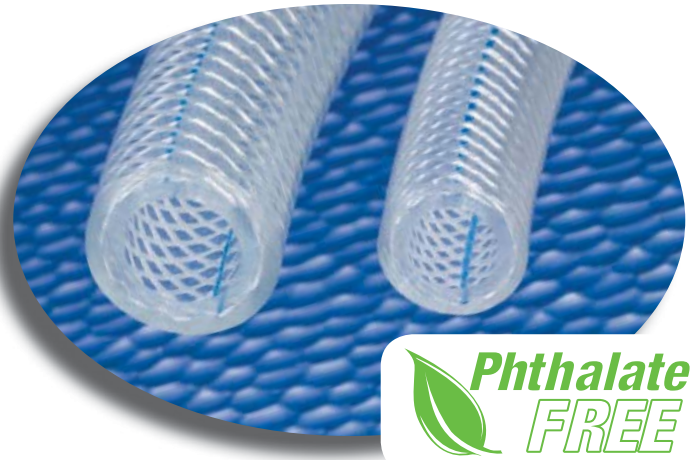
NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾, UL⁽¹⁷⁾, USDA⁽¹⁸⁾, USP⁽¹⁹⁾

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CLEARBRAID® K3130 Series BF Heavy Wall PVC Food & Beverage Hose



A heavier walled crystal clear Phthalate Free yarn reinforced hose suitable for a wide variety of food and beverage applications.

Construction:

Crystal clear Phthalate Free PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁸⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾, UL⁽¹⁷⁾, RoHS⁽¹⁶⁾ and USP⁽¹⁹⁾ Class VI criteria. Reinforced with spiraled polyester yarn and longitudinal blue tracer yarns for identification.

Features:

- Constructed with Phthalate Free compounds.
- NSF-51 certified material.
- Crystal clear — allows visual confirmation of product flow.
- Longitudinally-reinforced to reduce elongation under pressure.
- Light weight.
- Self-extinguishing.

- Non-marking.
- Silicone-free.
- One-piece lengths.
- Resistant to chemicals (see chemical-resistance chart).
- Compound hardness 73 ±3 Shore "A".
- Phthalate Free!

Applications:

- Food & beverage dispensing.
- Deionized water.
- Liquid food products.
- Air and water lines.
- Powdered food products.
- Potable water transfer.
- Air breathing lines.
- Pneumatic lines.
- Packaging machines.

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

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Max. Working Pressure† (PSI)		Standard Lengths		Approx. Wt. per Pkg.	
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)	Full Coil	Cut Length	Full Coil	Cut Length
K3130	02	1/8	3.2	.328	8.3	350	200	300 ft.	100 ft.	12 lbs.	4 lbs.
K3130	03	3/16	4.8	.406	10.3	350	200	300 ft.	100 ft.	17 lbs.	6 lbs.
K3130	04	1/4	6.5	.500	12.7	350	200	300 ft.	100 ft.	24 lbs.	8 lbs.
K3130	05	5/16	7.9	.563	14.3	275	160	300 ft.	100 ft.	28 lbs.	9 lbs.
K3130	06	3/8	9.5	.625	15.9	275	145	300 ft.	100 ft.	32 lbs.	11 lbs.
K3130	08	1/2	12.7	.813	20.7	250	130	300 ft.	100 ft.	52 lbs.	17 lbs.
K3130	10	5/8	15.9	1.000	25.4	225	125	200 ft.	100 ft.	52 lbs.	26 lbs.
K3130	12	3/4	19.1	1.125	28.6	200	120	200 ft.	100 ft.	60 lbs.	30 lbs.
K3130	16	1	25.4	1.375	34.9	150	85	200 ft.	100 ft.	76 lbs.	38 lbs.
K3130	20	1 1/4	31.8	1.750	44.5	125	75	100 ft.	50 ft.	64 lbs.	32 lbs.
K3130	24	1 1/2	38.1	2.000	50.8	100	65	100 ft.	50 ft.	75 lbs.	38 lbs.
K3130	32	2	50.8	2.500	63.5	75	55	100 ft.	50 ft.	96 lbs.	48 lbs.

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

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3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾, UL⁽¹⁷⁾, USDA⁽¹⁸⁾, USP⁽¹⁹⁾

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Kuri Tec®

THE CLEAR EVOLUTION!

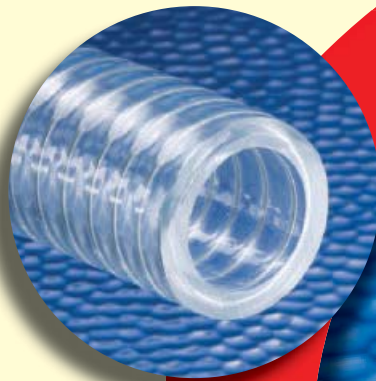
- CRYSTAL CLEAR PHTHALATE FREE PVC
- GLASS SMOOTH INTERIOR
- ABRASION RESISTANT
- COMPLIES WITH - 3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, Phthalate Free⁽¹⁵⁾, RoHS⁽¹⁶⁾, USDA⁽¹⁸⁾

POLYWIRE® PLUS K7300 SERIES

- Wire Reinforced For Vacuum and Static Dissipation
- Yarn Reinforced For Pressure
- Kink Resistant for Tight Bends

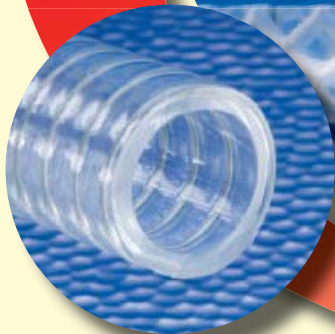


**POLYWIRE® PLUS
THE BEST OF BOTH DESIGNS
IN ONE HOSE!**

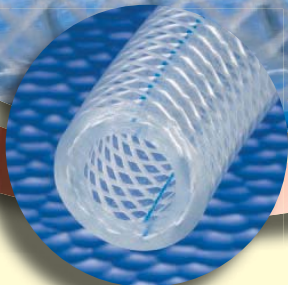


**POLYWIRE®
K7130 Series
Heavy Wall**

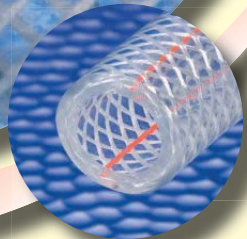
- Helical Wire
- Full Vacuum
- Grounding Wire for Static Dissipation
- Kink Resistant Design



**POLYSPRING®
K7160 Series
Standard Wall**



**CLEARBRAID® K3130 Series
Heavy Wall**

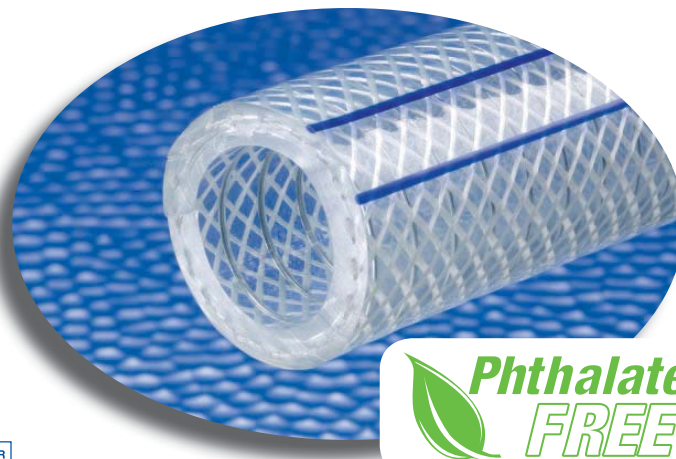


**CLEARBRAID®
K3150 Series
Standard Wall**

- Yarn Reinforced for High Pressure Applications

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

POLYWIRE® PLUS K7300 Series Hose Heavy Wall Wire-Yarn Reinforced Vacuum/ Pressure Hose



CERTIFIED UNDER
STANDARD 51



A unique crystal clear Phthalate Free PVC hose suitable for applications requiring a vacuum hose with higher pressure capability or as a pressure hose with vacuum capability.

Construction:

- Crystal clear Phthalate Free PVC compound reinforced with high tensile yarns and helically-wound spring steel wire.
- The inner food contact surface is made with Phthalate Free PVC compound formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁸⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾ and RoHS⁽¹⁶⁾ criteria.

Features:

- Wire helix reinforcement prevents kinking or collapsing... hose diameter will not expand under normal rated working pressures.
- 29.9" Hg vacuum rating @ 70°F.
- Electrogalvanized helical steel wire can be used for static dissipation (see below ††).
- Yarn reinforcement provides higher working pressure.
- Heavy duty construction prevents hose O.D. from expanding and I.D. from collapsing.

Service Temperature Range: +15°F (-9°C) to +150°F (+65°C)

- Crystal clear – allows visual confirmation of product flow
- Glass-smooth interior – reduces material buildup.
- Inner contact surface material is NSF certified for food applications (standard 51). It also meets other criteria such as 3A and USDA.
- Resistant to chemicals (see chemical-resistance chart in Kuri Tec Catalog).
- Self-extinguishing.
- Non-marking.
- Silicone-free.
- Phthalate Free!

Applications:

- Pressure and vacuum applications which require excellent kink resistance.
- Ideal for applications which require the hose to withstand both high vacuum and pressure.
- Water transfer.
- Liquid food transfer.

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.	Min. Bend Radius @ 70°F
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)			
K7300	08	1/2	12.7	.906	23.0	250	125	25/50/100 ft.	6.5/13/26 lbs.	2"
K7300	12	3/4	19.1	1.196	30.4	225	112	25/50/100 ft.	10/20/40 lbs.	2 1/2"
K7300	16	1	25.4	1.464	37.2	225	112	25/50/100 ft.	13.3/26.5/53 lbs.	3 1/2"
K7300	20	1 1/4	31.8	1.780	45.2	175	87	25/50 ft.	18.5/37 lbs.	4 1/2"
K7300	24	1 1/2	38.1	2.030	51.6	175	87	25/50 ft.	21.5/43 lbs.	5 1/2"
K7300	32	2	50.8	2.600	66.0	150	75	25/50 ft.	32/64 lbs.	7"

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

Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

†† Caution: This product is designed to dissipate static electricity when the metal wire is properly connected to ground, through the fitting or other means.

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

3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾, USDA⁽¹⁸⁾

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

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Kuri Tec®



**POLYSPRING®
K7160 Series**

**Standard Wall PVC Food
& Beverage Vacuum/
Transfer Hose**

Standard wall food and beverage grade vacuum/transfer hose with rated working pressures.

Construction:

Crystal clear Phthalate Free PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁸⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾, UL⁽¹⁷⁾, USP⁽¹⁹⁾ and RoHS⁽¹⁶⁾ criteria. Reinforced with helically-wound spring steel wire.

Features:

- 29.9" HG vacuum rating @ 70°F.
- Spiral wire reinforcement prevents kinking or collapsing . . . hose diameter will not expand under normal rated working pressures.
- Crystal clear — allows visual confirmation of product flow.
- Glass-smooth interior — reduces material buildup.
- Electrogalvanized helical steel wire can be used for static dissipation (see below†).
- Resistant to chemicals (see chemical-resistance chart).
- Self-extinguishing.

- Non-marking.
- Silicone-free.
- One-piece lengths.
- Special cut piece lengths available through 1" ID size — check with factory.
- Phthalate Free!

Applications:

- Full vacuum lines.
- Industrial vacuum pumps.
- Food & beverage dispensing.
- Air and water supply lines.
- Pneumatic parts transfer.
- Car wash applications.
- Coolant lines.
- Air breathing lines.
- Deionized water systems.

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

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.	Min. Bend Radius @ 70°F
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)			
K7160	04	1/4	6.4	.460	11.7	150	70	50/100 ft.	3.5/7 lbs.	1"
K7160	06	3/8	9.5	.600	15.2	100	70	50/100 ft.	5.5/11 lbs.	1 1/2"
K7160	08	1/2	12.7	.750	19.1	100	70	50/100 ft.	7.5/15 lbs.	2"
K7160	10	5/8	15.9	.891	22.6	100	50	50/100 ft.	9.5/19 lbs.	2 1/2"
K7160	12	3/4	19.1	1.031	26.2	70	50	50/100 ft.	12/24 lbs.	3"
K7160	16	1	25.4	1.297	32.9	70	35	50/100 ft.	16.5/33 lbs.	4"
K7160	20	1 1/4	31.8	1.609	40.9	70	35	50 ft.	25 lbs.	5"
K7160	24	1 1/2	38.1	1.860	47.2	50	30	50 ft.	29 lbs.	6"
K7160	32	2	50.8	2.391	60.7	50	30	50 ft.	42 lbs.	8"
K7160	36	2 1/4	57.2	2.750	69.9	50	30	50 ft.	58 lbs.	9"
K7160	40	2 1/2	63.5	3.000	76.2	50	30	50 ft.	69 lbs.	10"
K7160	48	3	76.2	3.500	88.9	50	30	25/50 ft.	40.5/81 lbs.	12"

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

‡ CAUTION: This product is designed to dissipate static electricity when the metal wire is properly connected to ground, through the fitting or other means.

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

3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾, UL⁽¹⁷⁾, USDA⁽¹⁸⁾, USP⁽¹⁹⁾

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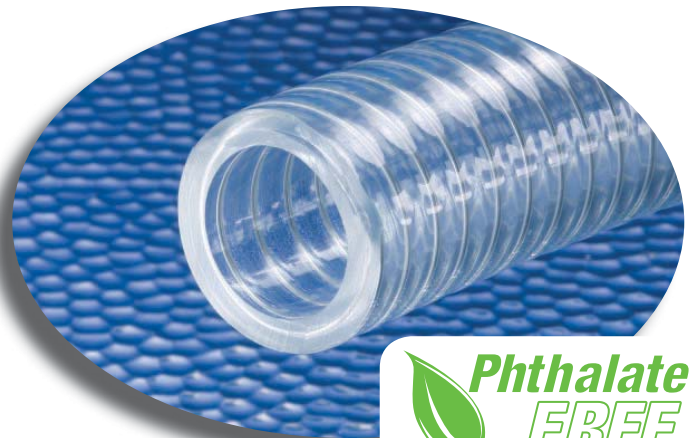
Kuri Tec®

POLYWIRE® K7130 Series

Heavy Wall PVC Food & Beverage Vacuum/ Transfer Hose



CERTIFIED UNDER
STANDARD 51



**Phthalate
FREE**

Heavy wall food and beverage grade Phthalate Free vacuum/transfer hose with rated working pressures.

Construction:

Crystal clear Phthalate Free PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁸⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾, UL⁽¹⁷⁾, USP⁽¹⁹⁾ and RoHS⁽¹⁶⁾ criteria. Reinforced with helically-wound spring steel wire.

Features:

- 29.9" HG vacuum rating @ 70°F.
- Spiral wire reinforcement prevents kinking or collapsing . . . hose diameter will not expand under normal rated working pressures.
- Crystal clear — allows visual confirmation of product flow.
- Glass-smooth interior — reduces material buildup.
- Electrogalvanized helical steel wire can be used for static dissipation (see below‡).
- Resistant to chemicals (see chemical-resistance chart).
- Compound hardness 73 ±3 Shore "A".

- Self-extinguishing.
- Non-marking.
- Silicone-free.
- One-piece lengths.
- Special cut piece lengths available through 1" ID size — check with factory.
- Phthalate Free!

Applications:

- Full vacuum lines.
- Industrial vacuum pumps.
- Food & beverage dispensing.
- Air and water supply lines.
- Car wash applications.
- Coolant lines.
- Air breathing lines.
- Pneumatic parts transfer.
- Deionized water systems.

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

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Maximum Working Pressure† (PSI)		Standard Length Coils	Approx. Wt. per Pkg.	Min. Bend Radius @ 70°F
		(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)			
K7130	04	1/4	6.4	.500	12.7	250	80	50/100 ft.	5/10 lbs.	1"
K7130	06	3/8	9.5	.625	15.9	150	80	50/100 ft.	6.5/13 lbs.	1 1/2"
K7130	08	1/2	12.7	.813	20.7	150	80	50/100 ft.	10.5/21 lbs.	2"
K7130	10	5/8	15.9	1.000	25.4	150	65	50/100 ft.	15/30 lbs.	2 1/2"
K7130	12	3/4	19.1	1.125	28.6	150	65	50/100 ft.	18/36 lbs.	3"
K7130	16	1	25.4	1.375	34.9	100	50	50/100 ft.	22/44 lbs.	4"
K7130	20	1 1/4	31.8	1.750	44.5	100	50	50 ft.	37 lbs.	5"
K7130	24	1 1/2	38.1	2.000	50.8	100	35	50 ft.	42 lbs.	6"
K7130	32	2	50.8	2.500	63.5	100	35	50 ft.	56 lbs.	8"

† Note: Working Pressure decreases as temperature increases. Pressure ratings can only be obtained with proper coupling procedures. Use of compression fittings with Kuri Tec® yarn-reinforced hose is not recommended. Hose claims involving use of these fittings will be disallowed.

‡ CAUTION: This product is designed to dissipate static electricity when the metal wire is properly connected to ground, through the fitting or other means.

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

3A⁽⁰¹⁾, FDA⁽⁰³⁾, NSF⁽¹³⁾, PHTHALATE FREE⁽¹⁵⁾, RoHS⁽¹⁶⁾, UL⁽¹⁷⁾, USDA⁽¹⁸⁾, USP⁽¹⁹⁾

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