

Kuri Tec®

**KLEARON™ 68
Series K018
Clear PVC Tubing**

Clear Non-toxic PVC food grade tubing for applications requiring more flexibility.

Construction:

Crystal clear PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾, RoHS⁽¹⁵⁾ and USP⁽¹⁸⁾ Class VI requirements.

Features:

- High gloss.
- Non-toxic blue.
- Food grade clear PVC tubing.
- Self-extinguishing.
- Compound hardness 68±3 Shore “A”.

Applications:

- Ideal for medical applications requiring USP class VI.
- Similar to K010 applications in which a slightly more flexible tube is desired by the customer.
- Tubing for laboratories.
- Water transfer, purification systems.
- Beverage dispensing & ice making applications.
- Water, air, drainage lines.

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

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Nominal Wall		Working Pressure† (PSI) @70°F (20°C)	Standard Length Ctn/Coils	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	(In)	(mm)			
K018	0204	1/8	3.2	1/4	6.4	1/16	1.6	65	100 ft.	2.0 lbs.
K018	0305	3/16	4.8	5/16	7.9	1/16	1.6	55	100 ft.	2.7 lbs.
K018	0306	3/16	4.8	3/8	9.5	3/32	2.4	60	100 ft.	4.5 lbs.
K018	0406	1/4	6.4	3/8	9.5	1/16	1.6	55	100 ft.	3.4 lbs.
K018	0407	1/4	6.4	7/16	11.1	3/32	2.4	58	100 ft.	5.5 lbs.
K018	0507	5/16	7.9	7/16	11.1	1/16	1.6	50	100 ft.	4.0 lbs.
K018	0508	5/16	7.9	1/2	12.7	3/32	2.4	55	100 ft.	6.5 lbs.
K018	0608	3/8	9.5	1/2	12.7	1/16	1.6	45	100 ft.	4.7 lbs.
K018	0609	3/8	9.5	9/16	14.3	3/32	2.4	50	100 ft.	7.5 lbs.
K018	0709	7/16	11.1	9/16	14.3	1/16	1.6	35	100 ft.	5.3 lbs.
K018	0810	1/2	12.7	5/8	15.9	1/16	1.6	30	100 ft.	6.0 lbs.
K018	1013	5/8	15.9	13/16	20.6	3/32	2.4	35	100 ft.	11.6 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® non-reinforced PVC tubing is not recommended. Hose claims involving use of these fittings will be disallowed.

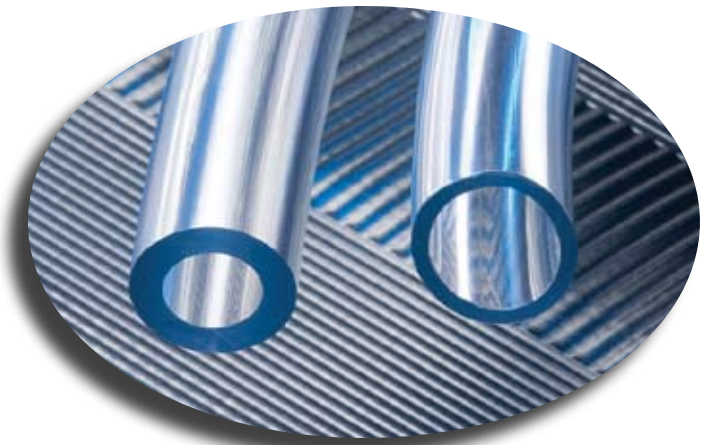
NOTE: For details of the following compliances mentioned above, refer to footnotes listed on page 63.

FDA⁽⁰³⁾, RoHS⁽¹⁵⁾, USP⁽¹⁸⁾

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

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.

KLEARON™ 73 Series K010 Clear PVC Tubing



Clear non-toxic food and beverage grade PVC tubing.

Construction:

Crystal clear PVC compound, formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ requirements, meets USDA⁽¹⁷⁾, 3A⁽⁰¹⁾, NSF⁽¹³⁾, UL⁽¹⁶⁾, RoHS⁽¹⁵⁾ and USP⁽¹⁸⁾ Class VI criteria.

Features:

- High gloss crystal clear appearance with glass smooth interior to reduce sediment buildup.
- Non-toxic blue tint to enhance clarity.
- NSF-51 certified material.
- Self-extinguishing.
- Compound hardness 73 ±3 Shore "A".

Applications:

- Tubing for laboratories.
- Water distillation lines.
- Deionized water systems.
- Air conditioning drainage.
- Refrigeration drainage.
- Air lines.
- Bottling plants.
- Beverage dispensing units.
- Ice making machines.
- Printing press equipment.
- High efficiency furnace drainage.
- Transfer of weak chemicals & acids.

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

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

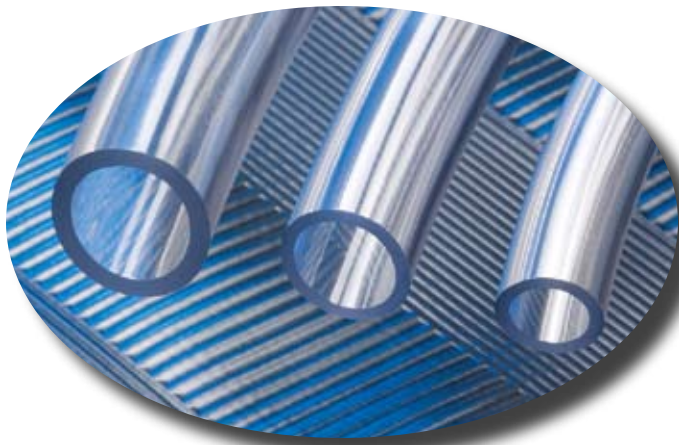
Service Temperature Range: +25°F (-4°C) to +150°F (+65°C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Nominal Wall		Working Pressure† (PSI) @70°F (20°C)	Standard Length Ctn/Coils	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	(In)	(mm)			
K010	0204	1/8	3.2	1/4	6.4	1/16	1.6	65	100 ft.	2.0 lbs.
K010	0304	3/16	4.8	1/4	6.4	1/32	0.8	50	100 ft.	1.2 lbs.
K010	0305	3/16	4.8	5/16	7.9	1/16	1.6	55	100 ft.	2.7 lbs.
K010	0306	3/16	4.8	3/8	9.5	3/32	2.4	60	100 ft.	4.5 lbs.
K010	0406	1/4	6.4	3/8	9.5	1/16	1.6	55	100 ft.	3.4 lbs.
K010	0407	1/4	6.4	7/16	11.1	3/32	2.4	58	100 ft.	5.5 lbs.
K010	0408	1/4	6.4	1/2	12.7	1/8	3.2	60	100 ft.	8.0 lbs.
K010	0507	5/16	7.9	7/16	11.1	1/16	1.6	50	100 ft.	4.0 lbs.
K010	0508	5/16	7.9	1/2	12.7	3/32	2.4	55	100 ft.	6.5 lbs.
K010	0509	5/16	7.9	9/16	14.3	1/8	3.2	60	100 ft.	9.4 lbs.
K010	0608	3/8	9.5	1/2	12.7	1/16	1.6	45	100 ft.	4.7 lbs.
K010	0609	3/8	9.5	9/16	14.3	3/32	2.4	50	100 ft.	7.5 lbs.
K010	0610	3/8	9.5	5/8	15.9	1/8	3.2	55	100 ft.	10.7 lbs.
K010	0709	7/16	11.1	9/16	14.3	1/16	1.6	35	100 ft.	6.0 lbs.
K010	0810	1/2	12.7	5/8	15.9	1/16	1.6	30	100 ft.	6.0 lbs.
K010	0811	1/2	12.7	11/16	17.5	3/32	2.4	40	100 ft.	9.5 lbs.
K010	0812	1/2	12.7	3/4	19.1	1/8	3.2	45	100 ft.	13.4 lbs.
K010	1012	5/8	15.9	3/4	19.1	1/16	1.6	25	100 ft.	8.2 lbs.
K010	1013	5/8	15.9	13/16	20.6	3/32	2.4	35	100 ft.	11.6 lbs.
K010	1014	5/8	15.9	7/8	22.2	1/8	3.2	40	100 ft.	16.1 lbs.
K010	1216	3/4	19.1	1	25.4	1/8	3.2	35	100 ft.	18.8 lbs.
K010	1218	3/4	19.1	1 1/8	28.6	3/16	4.8	40	100 ft.	30.0 lbs.
K010	1220	3/4	19.1	1 1/4	31.8	1/4	6.4	45	100 ft.	42.9 lbs.
K010	1418	7/8	22.2	1 1/8	28.6	1/8	3.2	30	100 ft.	21.4 lbs.
K010	1420	7/8	22.2	1 1/4	31.8	3/16	4.8	35	100 ft.	34.1 lbs.
K010	1620	1	25.4	1 1/4	31.8	1/8	3.2	25	100 ft.	24.1 lbs.
K010	1622	1	25.4	1 3/8	34.9	3/16	4.8	30	100 ft.	38.2 lbs.
K010	1624	1	25.4	1 1/2	38.1	1/4	6.4	35	100 ft.	53.6 lbs.
K010	2024	1 1/4	31.8	1 1/2	38.1	1/8	3.2	20	50 ft.	14.8 lbs.
K010	2026	1 1/4	31.8	1 5/8	41.3	3/16	4.8	30	50 ft.	23.1 lbs.
K010	2028	1 1/4	31.8	1 3/4	44.5	1/4	6.4	40	50 ft.	32.2 lbs.
K010	2430	1 1/2	38.1	1 7/8	47.6	3/16	4.8	30	50 ft.	27.1 lbs.
K010	2432	1 1/2	38.1	2	50.8	1/4	6.4	35	50 ft.	37.5 lbs.
K010	3240	2	50.8	2 1/2	63.5	1/4	6.4	35	50 ft.	48.2 lbs.

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®

Series K050 Clear PVC Tubing

Utility grade non-toxic clear food grade PVC tubing for general use applications.

Construction:

Clear PVC compound formulated with ingredients in compliance with applicable FDA⁽⁰³⁾ and RoHS⁽¹⁵⁾ requirements.

Features:

- High gloss clear appearance with glass smooth interior to reduce sediment buildup.
- FDA compliant, non-toxic PVC compound.

- Self-extinguishing.
- Compound hardness 73 ±3 Shore "A".

Applications:

- Air conditioning drainage.
- Refrigeration drainage.
- Air lines.
- Printing press equipment.
- High efficiency furnace drainage.
- Transfer of weak chemicals and acids.

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

Nominal Specifications

Series Number	Size Code	Nominal ID		Nominal OD		Nominal Wall Thickness		Working Pressure† (PSI) @70°F(20°C)	Standard Length Ctn/Coils	Approx. Wgt. Per Pkg. (lbs.)
		(in)	(mm)	(in)	(mm)	(in)	(mm)			
K050	0204	1/8	3.2	1/4	6.4	1/16	1.6	65	100 ft	2.0 lbs
K050	0305	3/16	4.8	5/16	7.9	1/16	1.6	55	100 ft	2.7 lbs
K050	0406	1/4	6.4	3/8	9.5	1/16	1.6	55	100 ft	3.4 lbs
K050	0408	1/4	6.4	1/2	12.7	1/8	3.2	60	100 ft	8.0 lbs
K050	0507	5/16	7.9	7/16	11.1	1/16	1.6	50	100 ft	4.0 lbs
K050	0608	3/8	9.5	1/2	12.7	1/16	1.6	45	100 ft	4.7 lbs
K050	0609	3/8	9.5	9/16	14.3	3/32	2.4	50	100 ft	7.5 lbs
K050	0610	3/8	9.5	5/8	15.9	1/8	3.2	55	100 ft	10.7 lbs
K050	0810	1/2	12.7	5/8	15.9	1/16	1.6	30	100 ft	6.0 lbs
K050	0812	1/2	12.7	3/4	19.1	1/8	3.2	45	100 ft	13.4 lbs
K050	1013	5/8	15.9	13/16	20.6	3/32	2.4	35	100 ft	11.6 lbs
K050	1014	5/8	15.9	7/8	22.2	1/8	3.2	40	100 ft	16.1 lbs
K050	1216	3/4	19.1	1	25.4	1/8	3.2	35	100 ft	18.8 lbs
K050	1418	7/8	22.2	1 1/8	28.6	1/8	3.2	30	100 ft	21.4 lbs
K050	1620	1	25.4	1 1/4	31.8	1/8	3.2	25	100 ft	24.1 lbs
K050	2024	1 1/4	31.8	1 1/2	38.1	1/8	3.2	20	50 ft	14.8 lbs
K050	2430	1 1/2	38.1	1 7/8	47.6	3/16	4.8	30	50 ft	27.1 lbs
K050	2432	1 1/2	38.1	2	50.8	1/4	6.4	35	50 ft	37.5 lbs
K050	3240	2	50.8	2 1/2	63.5	1/4	6.4	35	50 ft	48.2 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.

FDA⁽⁰³⁾, RoHS⁽¹⁵⁾

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Series 3300 Ether-Based Polyurethane-Lined Clear PVC Tubing

Special clear flexible tubing combining a food grade PVC outer surface with an inner liner of NSF-61 listed polyurethane.

Construction:

73±3 Shore "A" Clear FDA⁽⁰³⁾ PVC, lined with an 80 Shore "A" clear Ether-Based Polyurethane which is in compliance with NSF⁽⁰⁹⁾ and RoHS⁽¹⁵⁾ requirements.

Features:

- NSF-61 listed polyurethane liner inside a 73±3 Shore "A" PVC outer layer.
- Non-PVC contact surface.
- The polyurethane liner offers improved oil resistance compared to PVC.

Applications:

- Applications in which a flexible tube with NSF-61 contact material is desired.
- Lower cost alternative to urethane tubing.
- Sight glass tubing.
- Low pressure oil transfer.

Service Temperature Range: +25°F (-4°C) to +140°F (+60°C)

Nominal Specifications

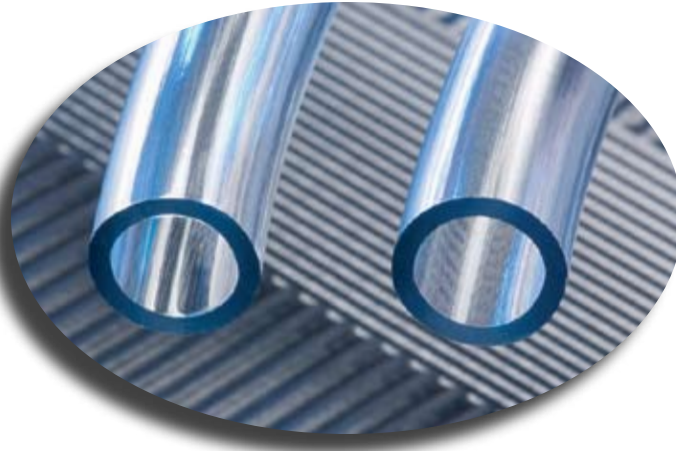
Series No.	Size Code	Nominal ID		Nominal OD		Nominal Wall		Working Pressure† (PSI) @70°F (20°C)	Standard Length Ctn/Coils	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	(In)	(mm)			
3300	0406	1/4	6.4	3/8	9.5	1/16	1.6	40	100 ft.	3.2 lbs.
3300	0507	5/16	7.9	7/16	11.1	1/16	1.6	50	100 ft.	4.0 lbs.
3300	0609	3/8	9.5	9/16	14.3	3/32	2.4	25	100 ft.	7.2 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.

FDA⁽⁰³⁾, NSF⁽⁰⁹⁾, RoHS⁽¹⁵⁾

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Series 2600
85 Shore “A”
Ether-Based Clear
Food Grade Polyurethane
Tubing

Clear polyurethane ether-based food grade tubing for transfer of air, fluids and abrasive slurries.

Construction:

85 Shore “A” Durometer ether-based polyurethane tubing in transparent blue tint. Blue tint 2600 material conforms to FDA⁽⁰⁷⁾ requirements. Also in compliance with RoHS⁽¹⁵⁾ requirements.

Features:

- Abrasion and cut resistance.
- Good flex fatigue and resilience characteristics.
- Excellent resistance to ozone, solvents and fuel.
- Good resistance to hydrolysis and algae.
- Slight blue tint allows see-through convenience.
- Complies with RMA’s Class A designation for high oil resistance.

- Silicone-free.
- One-piece lengths.

Applications:

- Transfer of air and fluids under severe conditions.
- Feed and return lines.
- Abrasive slurry transfer.
- Granular transfer lines.
- Robotics control lines.
- Insulating sleeves.
- Lubrication lines.
- Metering pumps.

Note: Not recommended for transfer of brake fluids.

Service Temperature Range: -40°F (-40°C) to +175°F (+80°C)

Nominal Specifications

Series No.	Size Code	Nominal ID		Nominal OD		Nominal Wall		Max. Working Pressure† (PSI)		Standard Length Coil/Box	Approx. Wt. per Pkg.
		(In)	(mm)	(In)	(mm)	(In)	(mm)	@ 70°F (20°C)	@ 122°F (50°C)		
2600	0204	1/8	3.2	1/4	6.4	1/16	1.6	100	75	100 ft.	2 lbs.
2600	0305	3/16	4.8	5/16	7.9	1/16	1.6	75	50	100 ft.	3 lbs.
2600	0406	1/4	6.4	3/8	9.5	1/16	1.6	60	45	100 ft.	3.5 lbs.
2600	0507	5/16	7.9	7/16	11.1	1/16	1.6	50	35	100 ft.	4 lbs.
2600	0608	3/8	9.5	1/2	12.7	1/16	1.6	45	30	100 ft.	5 lbs.
2600	0812	1/2	12.7	3/4	19.1	1/8	3.2	60	45	100 ft.	13 lbs.

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

Note: When exceptional oil and fuel resistance is needed, we suggest use of Series 2810 ester-based tubing — call for details.

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

FDA⁽⁰⁷⁾, RoHS⁽¹⁵⁾

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