

H™ / J™ / K™ Series

Standard Duty PVC Suction Hose

General Applications:

- Agricultural liquid fertilizer
- Air seeder lines
- Drain lines
- Irrigation lines
- Mining applications
- Pumps, rental and construction dewatering
- Pumps, trash
- Rock dusting
- Water suction – standard duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*



Features and Advantages:

- **Transparent Construction (H & K Series only)** – “See-the-flow.” Allows for visual confirmation of material flow.
- **MSHA⁽⁰⁷⁾ Approved (J Series only)** – Approved by the Mine Safety and Health Administration for flame-resistance for use in underground mines as water transfer hose.
- **Smooth Outer Cover (Sizes 3/4" – 5")** – Provides increased pressure rating and smooth surface for banding.
- **Convolute Outer Cover (Sizes 6" & 8")** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
H/J/K075	3/4	19.0	1.01	25.6	110	70	28	26	3	100	0.19
H/J/K100	1	25.4	1.26	32.0	85	60	28	26	3	100	0.26
H/J/K125	1-1/4	31.7	1.56	39.6	85	60	28	24	4	100	0.35
H/J/K150	1-1/2	38.1	1.83	46.5	70	50	28	24	5	100	0.48
H/J/K200	2	50.8	2.32	59.0	65	45	28	24	7	100	0.66
H/J/K250	2-1/2	63.5	2.87	73.0	65	45	28	24	8	100	0.87
H/J/K300	3	76.2	3.43	87.0	60	40	28	22	10	100	1.24
H/J/K400	4	101.6	4.50	114.7	50	35	28	22	15	100	1.85
H500	5	127.0	5.58	141.3	45	30	28	24	22	100/20	2.42
H/J/K600	6	152.4	6.75	171.4	40	25	28	20	30	100/20	3.39
H/J/K800	8	203.2	8.86	225.0	30	20	26	20	35	20	5.63

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

*Actual service temperature range is application dependent.

MSHA⁽⁰⁷⁾, PHTHALATE FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Tiger™ Suction

F™ / G™ / S™ Series

Heavy Duty PVC Suction Hose

General Applications:

- Irrigation lines
- Pumps, rental and construction dewatering
- Pumps, trash
- Water suction – heavy duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*



Features and Advantages:

- **Transparent Construction (F Series only)** – “See-the-flow.” Allows for visual confirmation of material flow.
- **“Safety Orange” Color (G Series Only)** – For high visibility on job site. Reduces risk of running or tripping over hose.
- **Smooth Outer Cover (Sizes 3/4" – 4")** – Provides increased pressure rating and smooth surface for banding.
- **Convuluted Outer Cover (Sizes 6" & 8")** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
F075	3/4	19.0	1.01	25.6	115	75	Full	28	3	100	0.21
F/G/S100	1	25.4	1.26	32.0	100	65	Full	28	3	100	0.27
F/S125	1-1/4	31.7	1.56	39.6	100	65	Full	26	4	100	0.36
F/G/S150	1-1/2	38.1	1.83	46.5	100	65	Full	26	5	100	0.48
F/G/S200	2	50.8	2.38	60.4	100	65	Full	26	7	100	0.71
F/G250	2-1/2	63.5	2.89	73.4	70	48	Full	26	8	100	0.96
F/G/S300	3	76.2	3.44	87.4	70	45	Full	26	10	100	1.25
F/G400	4	101.6	4.57	116.1	60	40	Full	26	15	100	1.95
F/G600	6	152.4	6.77	172.0	40	25	28	22	25	100/20	3.76
G800	8	203.2	8.90	226.1	30	20	28	18	30	20	6.00

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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“Blue Water” BW™ Series Low Temperature PVC Suction Hose



General Applications:

- Extreme cold conditions
- Pumps, rental and construction dewatering
- Pumps, trash
- Water suction – standard duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-40°F (-40°C) to +150°F (+65°C)*



Features and Advantages:

- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures. Beware of imitations! Blue Water™ truly remains flexible in extreme cold.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Smooth Outer Cover (Sizes 1" - 4")** – Provides increased pressure rating and smooth surface for banding.
- **Convolutd Outer Cover (Sizes 5" & 6")** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
BW075	3/4	19.1	1.01	25.6	115	75	Full	28	3	100	0.19
BW100	1	25.4	1.26	32.0	90	65	Full	28	3	100	0.22
BW125	1-1/4	31.8	1.56	39.6	90	65	Full	26	4	100	0.36
BW150	1-1/2	38.1	1.79	45.5	90	65	Full	26	5	100	0.48
BW200	2	50.8	2.35	59.8	90	65	Full	26	7	100	0.62
BW250	2-1/2	63.5	2.87	73.0	70	48	Full	26	8	100	0.87
BW300	3	76.2	3.43	87.0	65	45	Full	26	10	100	1.23
BW400	4	101.6	4.49	114.0	55	40	Full	26	15	100	1.83
BW500	5	127.0	5.57	141.5	45	30	28	24	25	100/20	2.42
BW600	6	152.4	6.69	170.0	40	25	28	22	30	100/20	3.36

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

NOTE: Refer to Storage and Handling, and Max Coil Stack Height on page 65.

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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ABRASION RESISTANT



"COLD-FLEX" MATERIALS



STATIC DISSIPATIVE



WATER



Cold Flex™ CF™ Series Extra Heavy Duty Low Temperature PVC Suction Hose

General Applications:

- Extreme cold conditions
- Irrigation lines
- Material handling – standard duty
- Pumps, rental and construction dewatering
- Pumps, trash
- Slurry handling
- Water suction – heavy duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-40°F (-40°C) to +150°F (+65°C)*



Features and Advantages:

- **Superior Vacuum Rating** – Our toughest and most durable liquid suction hose! Extremely thick hose tube and extra large helix provide for a tough, durable hose with all sizes rated to full vacuum (at 68°F).
- **Cold Flex™ Materials** – Hose remains flexible in severe sub-zero temperatures.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Static Dissipative Tube** – Specially formulated to help prevent the build-up of static electricity for added safety and help keep material flowing smoothly.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
CF150	1-1/2	38.1	1.84	46.7	100	65	Full	28	3	100	0.40
CF200	2	50.8	2.41	61.2	100	65	Full	28	4	100	0.75
CF250	2-1/2	63.5	2.93	74.5	90	55	Full	28	6	100	0.99
CF300	3	76.2	3.59	91.2	80	50	Full	28	7	100	1.34
CF400	4	101.6	4.67	118.6	65	35	Full	28	11	100	2.15
CF600	6	152.4	6.87	174.4	50	25	Full	28	18	100/50/20	3.76
CF800†	8	204.8	9.13	232.0	35	15	Full	26	24	20	5.92

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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W™ Series

Heavy Duty PVC Liquid Suction Hose



General Applications:

- Extreme cold conditions (Sizes 4" - 16")
- Fish suction
- Gold dredging
- Pumps, rental and construction dewatering
- Pumps, trash
- Slurry handling
- Water suction – heavy duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

Sizes 1" - 3": -4°F (-20°C) to +150°F (+65°C)*;
 Sizes 4" - 16": -40°F (-40°C) to +150°F (+65°C)*



The Original Heavy Duty Suction Hose

Features and Advantages:

- **“Cold-Flex” Materials (Sizes 4" - 16")** – Hose remains flexible in sub-zero temperatures.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Convolute Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
W100	1	25.4	1.30	33.0	55	35	Full	28	1	100	0.21
W125	1-1/4	31.7	1.60	40.6	50	30	Full	28	2	100	0.28
W150	1-1/2	38.1	1.85	47.0	50	30	Full	28	2	100	0.34
W200	2	50.8	2.40	61.0	50	30	Full	28	3	100	0.52
W250	2-1/2	63.5	2.99	75.9	45	25	Full	28	4	100	0.77
W300	3	76.2	3.64	92.5	45	25	Full	28	6	100	1.18
W400	4	101.6	4.76	121.0	35	18	Full	28	8	100	1.92
W500	5	127.0	5.75	146.0	35	18	28	25	12	100/20	2.95
W600	6	152.4	7.00	177.8	30	15	28	25	14	100/20	3.76
W800	8	203.2	9.18	233.2	30	15	28	25	24	40/20	5.99
W1000	10	254.0	11.56	293.5	25	12	28	25	39	40/20	9.74
W1200	12	304.8	13.64	346.5	20	10	28	25	59	40/20	12.77
W1400†	14	357.6	15.59	396.0	18	8	26	23	80	20	13.50
W1600†	16	408.4	17.72	450.0	12	5	24	20	95	20	16.00

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

†Non-stock item, minimum order required. Contact Kuriyama customer service for details.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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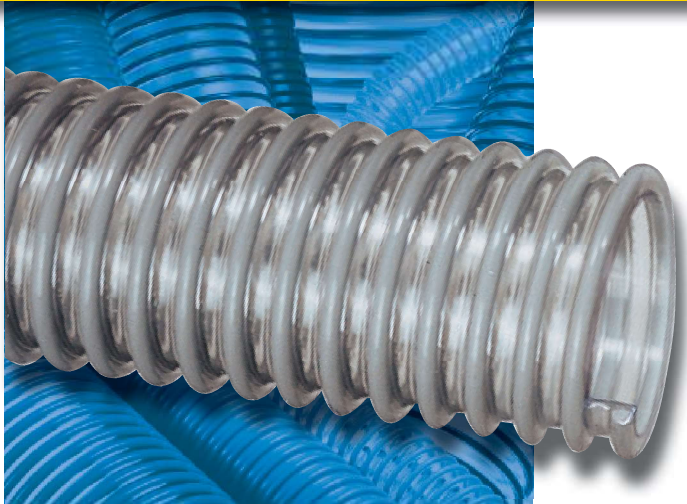
"COLD-FLEX"
MATERIALS



TRANSPARENT
CONSTRUCTION



WATER



WH™ Series Standard Duty PVC Liquid Suction Hose

SH™ Series Standard Duty Low Temperature PVC Liquid Suction Hose

**Our Most
Flexible Suction
Hose**



General Applications:

- Drain lines
- Dust collection
- Gold dredging
- Water suction – standard duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range (WH Series):
-4°F (-20°C) to +150°F (+65°C)*

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

Features and Advantages:

- **"Cold-Flex" Materials (SH Series; Sizes 2½" - 8")** – Hose remains flexible in sub-zero temperatures.
- **Transparent Construction** – "See-the-flow." Allows for visual conformation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
WH100	1	25.4	1.22	31.0	45	15	Full	24	1	100	0.15
WH125	1-1/4	31.8	1.54	39.2	40	12	Full	24	1	100	0.20
WH150	1-1/2	38.1	1.80	45.7	40	12	Full	24	1.5	100	0.25
WH200	2	50.8	2.32	58.7	35	10	26	20	2.5	100	0.31
SH250	2-1/2	63.5	9.97	75.5	30	9	24	18	3	100	0.43
SH300	3	76.2	3.48	88.4	25	7	24	18	4	100	0.64
SH400	4	101.6	4.52	114.8	25	7	18	14	6	100	1.06
SH500	5	127.0	5.57	141.5	20	6	16	12	10	100	1.47
SH600	6	153.4	6.69	169.9	20	6	14	10	12	100	2.27
SH800	8	204.8	8.86	225.0	10	3	12	8	24	60	3.34

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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WST™ Series

Heavy Duty PVC Fabric Reinforced Suction & Discharge Hose

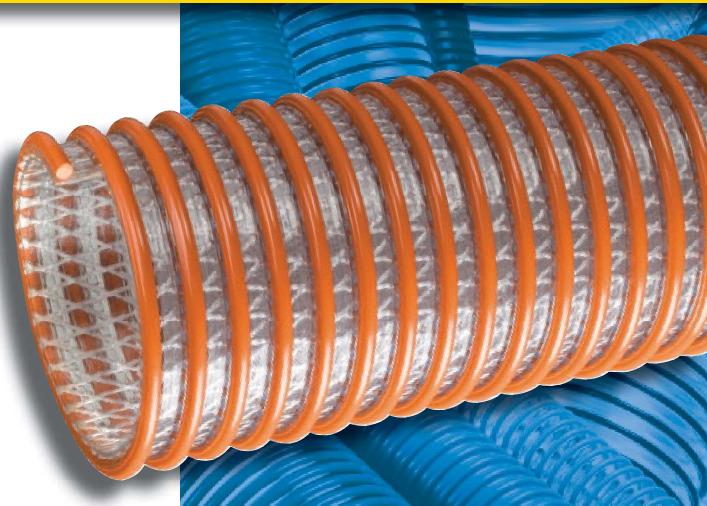
General Applications:

- Fish suction
- Irrigation lines
- Pumps, rental and construction dewatering
- Pumps, trash
- Suction and discharge
- Water suction – heavy duty

Construction: Double-ply PVC tube, polyester fabric reinforcement and rigid PVC helix.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*



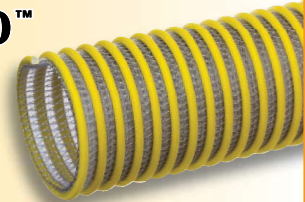
Features and Advantages:

- **Fabric Reinforcement** – Designed with high tensile strength polyester yarn jacket to handle both suction and higher pressure discharge applications.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Phthalate Free**

Also Available:



WST-SLR™ Series SOLARGUARD™ version with High UV Resistance ideal for warmer/sunnier climates



Get more info: koa.link/solarguard

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
WST150	1-1/2	38.1	1.95	49.5	110	70	Full	28	2.5	100	0.42
WST200	2	50.8	2.60	66.0	100	65	Full	28	4	100	0.74
WST300	3	76.2	3.62	92.0	100	50	Full	28	6	100/20	1.13
WST400	4	101.6	4.76	121.0	75	37	Full	28	8	100/20	1.74
WST500	5	127.0	5.98	151.9	70	35	28	25	11	100/20	2.95
WST600	6	152.4	7.17	182.1	70	35	28	25	13	100/20	3.88
WST800	8	203.5	9.21	234.0	60	30	26	20	18	25/20	5.57

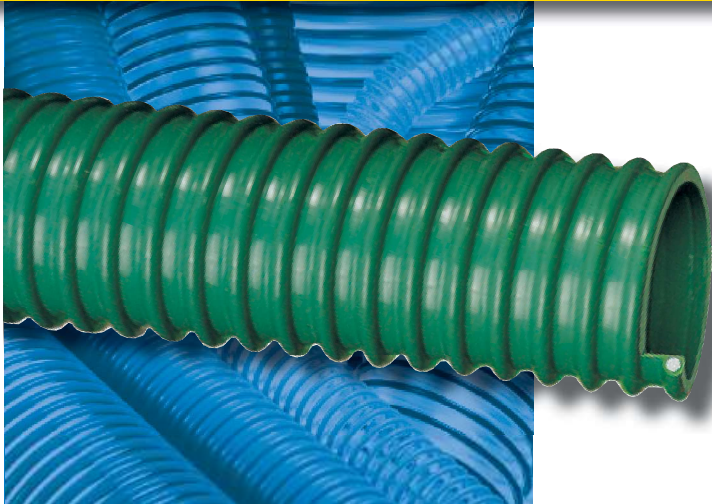
NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



WG™ Series Heavy Duty PVC Liquid Suction Hose

General Applications:

- Fish suction
- Irrigation lines
- Pumps, rental and construction dewatering
- Pumps, trash
- Rock dusting
- Water suction – heavy duty

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-4°F (-40°C) to +150°F (+65°C)*



Features and Advantages:

- **Highly Durable PVC Tube** – Formulated from highly durable PVC compound for increased abrasion and tear resistance.
- **Convolutd Outer Cover** – Provides increased hose flexibility.
- **Phthalate Free**

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
WG150	1-1/2	38.1	1.85	47.0	50	25	Full	28	2	100	0.34
WG200	2	50.8	2.40	61.0	50	25	Full	28	3	100	0.52
WG300	3	76.2	3.64	92.5	45	25	Full	28	6	100	1.18
WG400	4	101.6	4.76	120.9	35	18	Full	28	8	100	1.93

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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“Marine Hose”

MH™ Series PVC Suction Hose



General Applications:

- Drain lines
- Marine bilge discharge
- Marine plumbing
- Recreational vehicle (RV) plumbing

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:
-4°F (-20°C) to +150°F (+65°C)*



Features and Advantages:

- **Odor-resistant Tube** – Special additives help eliminate the build-up of unwanted odors.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **Easy Installation** – Ideal for working in confined areas. Permits installers to make smooth, tight turns. Requires fewer fittings than rigid pipe.
- **Phthalate Free**



Custom Molded Cuff — 1½" Molded cuff (shown above) is designed for use with Tigerflex® Series MH150 marine hose.

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
MH100	1	25.4	1.22	31.0	45	15	Full	24	1	100	0.15
MH125	1-1/4	32.0	1.49	38.0	40	12	Full	24	1.5	100	0.20
MH150	1-1/2	38.1	1.77	45.0	40	12	Full	24	2	100	0.25
MH200	2	50.8	2.32	59.0	35	10	26	20	2.5	100	0.31

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

*Actual service temperature range is application dependent.

PHthalate FREE⁽¹⁰⁾, RoHS⁽¹¹⁾

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“Spa Hose” FMCR™ Series PVC Suction Hose

General Applications:

- Commonly referred to as “flex pipe”
- Drain lines
- Spa, pool and hot tub plumbing

Construction: PVC tube with rigid PVC helix.

Service Temperature Range:

-4°F (-20°C) to +150°F (+65°C)*



Features and Advantages:

- **Precision Controlled OD** – Designed to be glued into Schedule 40 PVC fittings.
- **Easy Installation** – Ideal for working in confined areas. Permits installers to make smooth, tight turns. Requires fewer fittings than rigid pipe when plumbing a normal spa or hot tub application.

Nominal Specifications

Series Number	IPS Size (in)	OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
		(in)	(mm)	68°F	104°F	68°F	104°F			
F16MCR	1/2	0.850	21.59	100	70	28	26	2	100/50	0.14
F20MCR	3/4	1.053	26.75	100	70	28	26	2	100/50	0.21
F27MCR	1	1.320	33.53	100	70	28	24	3	100/50	0.28
F36MCR	1-1/4	1.663	42.24	80	55	28	24	4	100/50	0.37
F42MCR	1-1/2	1.904	48.36	70	50	28	24	4	100/50	0.44
F52MCR	2	2.381	60.48	70	50	28	24	6	100/50	0.58
F78MCR	3	3.500	88.90	65	40	28	22	8	50	1.20

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

NOTE: Use with recommended primers and PVC cements; consult with glue supplier for recommendations. Coils of Tigerflex® Spa Hose should not be stacked more than five coils high. Hose which has been stacked high may be damaged over time.

NOTE: Black color available upon request. Minimum order quantity may apply. Contact Kuriyama customer service for details.

*Actual service temperature range is application dependent.

⚠ WARNING

This product can expose you to DINP, which is known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Product Warning

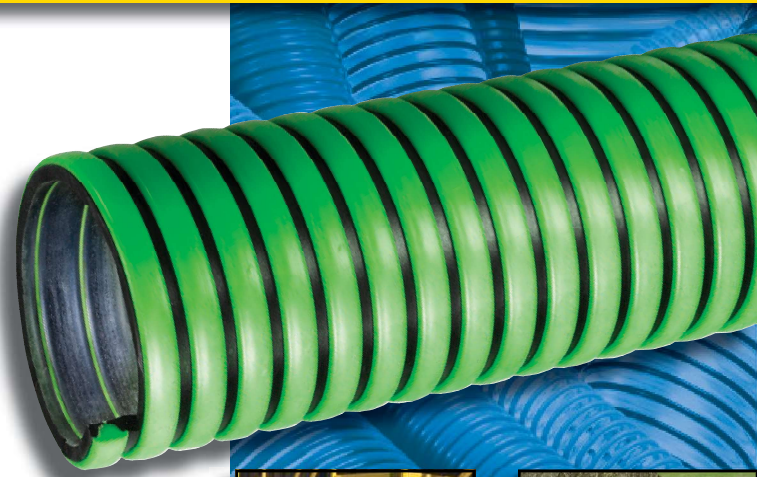
Like other materials, Spa Hoses can be damaged by rodents or insects, including termites. Our warranty does not cover damages caused by them. Spa Hose should not be used underground in areas infested by termites. This product warning shall be given to every purchaser of Spa Hose. (Rev. 7/98)

RoHS(11)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



Tiger™ Green TG™ Series EPDM Suction Hose



General Applications:

- Agriculture liquid fertilizers
- Irrigation lines
- Liquid manure handling
- Marine bilge discharge
- Pumps, rental and construction dewatering
- Pumps, trash
- Septic and wastewater handling
- Used frack solution removal
- Water suction – standard duty



Construction: EPDM tube with polyethylene helix.

Service Temperature Range:

-40°F (-40°C) to +160°F (+71°C)*

Features and Advantages:

- **Superior Rubber Compounds** – Tigerflex™ uses only the best available EPDM compounds, which provide the ideal combination of light-weight, flexibility, durability and chemical resistance.
- **Superior Flexibility** – Our tests show up to 22% more flexible than the competition, especially in sub-zero weather! Tiger™ Green Hose is more flexible coming off the truck and easier to handle than other similar hoses.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces and around corners. Easy-to-handle.
- **Convolutd Outer Cover** – Provides increased hose flexibility.
- **"Cold-Flex" Materials** – Hose remains flexible in sub-zero temperatures.

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
TG100	1	25.4	1.40	35.5	65	45	FULL	28	2	100	0.28
TG125	1-1/4	31.8	1.63	41.4	60	40	FULL	28	3	100	0.33
TG150	1-1/2	38.1	1.93	49.0	50	35	FULL	28	3	100	0.44
TG200	2	50.8	2.51	63.8	50	35	FULL	28	5	100	0.67
TG250	2-1/2	63.5	3.07	78.0	45	30	FULL	28	5.5	100	0.95
TG300	3	76.2	3.60	91.5	45	30	FULL	26	7	100	1.14
TG400	4	101.6	4.70	119.5	40	25	FULL	26	11.5	100	1.84
TG600	6	152.4	6.85	174.0	30	20	28	24	20	100/20	3.07

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

NOTE: Other colors available upon request. Minimum order quantity may apply. Contact Kuriyama Tigerflex department for details.

NOTE: Contact your nearest KOA warehouse for availability of 50 ft. lengths.

*Actual service temperature range is application dependent.



"COLD-FLEX"
MATERIALS



EASY SLIDE



WATER



Tiger™ Yellow TY™ Series EPDM Suction Hose

General Applications:

- Agriculture liquid fertilizers
- Irrigation lines
- Liquid manure handling
- Marine bilge discharge
- Pumps, rental and construction dewatering
- Pumps, trash
- Septic and wastewater handling
- Used frack solution removal
- Water suction – standard duty

Construction: EPDM tube with polyethylene helix.

Service Temperature Range:

-40°F (-40°C) to +160°F (+71°C)*

Features and Advantages:

- **Superior Rubber Compounds** – Tigerflex™ uses only the best available EPDM compounds, which provide the ideal combination of light-weight, flexibility, durability and chemical resistance.
- **Superior Flexibility** – Our tests show up to 22% more flexible than the competition, especially in sub-zero weather! Tiger™ Yellow Hose is more flexible coming off the truck and easier to handle than other similar hoses.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces and around corners. Easy-to-handle.
- **Convuluted Outer Cover** – Provides increased hose flexibility.
- **"Cold-Flex" Materials** – Hose remains flexible in sub-zero temperatures.

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
TY100	1	25.4	1.40	35.5	65	45	FULL	28	2	100	0.28
TY125	1-1/4	31.8	1.63	41.4	60	40	FULL	28	3	100	0.33
TY150	1-1/2	38.1	1.93	49.0	50	35	FULL	28	3	100	0.44
TY200	2	50.8	2.51	63.8	50	35	FULL	28	5	100	0.67
TY300	3	76.2	3.60	91.5	45	30	FULL	26	7	100	1.14
TY400	4	101.6	4.70	119.5	40	25	FULL	26	11.5	100	1.84

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

NOTE: Contact your nearest KOA warehouse for availability of 50 ft. lengths.

*Actual service temperature range is application dependent.

RoHS⁽¹¹⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

KTFCOA0619



Kuriyama of America, Inc.

www.kuriyama.com

51

Tiger™ Red TRED™ Series

Tiger™ Blue TBLU™ Series

EPDM Suction Hoses



General Applications:

- Agriculture liquid fertilizers
- Irrigation lines
- Liquid manure handling
- Marine bilge discharge
- Pumps, rental and construction dewatering
- Pumps, trash
- Septic and wastewater handling
- Used frack solution removal
- Water suction – standard duty

Construction: EPDM tube with polyethylene helix.

Service Temperature Range:

-40°F (-40°C) to 160°F (+71°C)*

Features and Benefits:

- **Superior Rubber Compounds** – Tigerflex™ uses only the best available EPDM compounds, which provide the ideal combination of light-weight, flexibility, durability and chemical resistance.
- **Superior Flexibility** – Our tests show up to 22% more flexible than the competition, especially in sub-zero weather! Tiger™ Red and or Tiger™ Blue Hose is more flexible coming off the truck and easier to handle than other similar hoses.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces and around corners. Easy-to-handle.
- **Convolutd Outer Cover** – Provides increased hose flexibility.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Color Choices** – Choose from colors red or blue to match company equipment.

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
TRED/TBLU200	2	50.8	2.51	63.8	50	35	FULL	28	5	100	0.67
TRED/TBLU300	3	76.2	3.60	91.5	45	30	FULL	26	7	100	1.14
TRED/TBLU400	4	101.6	4.70	119.5	40	25	FULL	26	11.5	100	1.84

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

NOTE: Contact your nearest KOA warehouse for availability of 50 ft. lengths.

*Actual service temperature range is application dependent.

RoHS⁽¹⁾

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.



"COLD-FLEX"
MATERIALS



EASY SLIDE



WATER



Tiger™ TSD™ Series EPDM Fabric Reinforced Suction & Discharge Hose

General Applications:

- Agriculture liquid fertilizers
- Agri-foam systems
- Liquid manure handling
- Pumps, rental and construction dewatering
- Pumps, trash
- Septic and wastewater handling
- Suction and discharge
- Water suction – heavy duty

Construction: Double-ply EPDM, polyester fabric reinforcement and polyethylene helix.

Service Temperature Range:

-40°F (-40°C) to +160°F (+71°C)*



Features and Advantages:

- **Superior Rubber Compounds** – Tigerflex™ uses only the best available EPDM compounds, which provide the ideal combination of light-weight, flexibility, durability and chemical resistance.
- **Fabric Reinforcement** – Designed with high tensile strength polyester yarn jacket to handle both suction, and higher pressure discharge applications.
- **"Cold-Flex" Materials** – Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces and around corners. Easy-to-handle.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

Nominal Specifications

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius at 68°F (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F			
TSD125	1-1/4	31.8	1.70	43.2	100	75	FULL	28	3	100	0.41
TSD150	1-1/2	38.1	2.00	50.7	100	75	FULL	28	3	100	0.51
TSD200	2	50.8	2.54	64.5	100	75	FULL	28	5	100	0.73
TSD300	3	76.2	3.62	92.0	90	65	FULL	26	8	100	1.18
TSD400	4	101.6	4.53	121.0	75	50	28	26	9.5	100	1.40

NOTE: Service life may vary depending on operating conditions and type of material being conveyed.

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

NOTE: Contact your nearest KOA warehouse for availability of 50 ft. lengths.

*Actual service temperature range is application dependent.

RoHS(11)

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

