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NOW STOCKED IN

200^{ft}

COIL LENGTHS

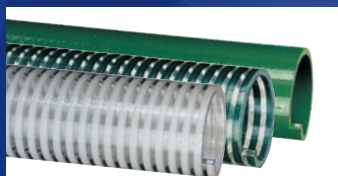
Key Benefits

- **Less Scrap:** Cut down on waste and improve operational efficiency.
- **Fewer Leaks:** Minimize connection points and reduce leak risks.
- **Easier Setups:** save time and money with fewer hose connections.
- **Better Performance:** Enjoy improved fluid flow with longer, continuous hose lengths.



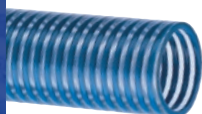
Others just
can't measure up!

Available Series



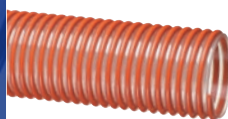
H/J/K Series

Standard Duty Suction Hose
Available IDs (in): 3/4, 1, 1 1/4, 1 1/2,
2, 2 1/2, 3, 4



BW Series

Low Temp Suction Hose
Available IDs (in): 3/4, 1, 1 1/4, 1 1/2,
2, 2 1/2, 3, 4



MULCH Series

Mulch Blowing Hose
Available IDs (in): 4



BARK Series

Bark Blowing Hose
Available IDs (in): 4



W Series

Heavy Duty Liquid Suction Hose
Available IDs (in): 1, 1 1/4, 1 1/2, 2, 2
1/2, 3, 4



FT Series

Heavy Duty Food Grade
Suction Hose
Available IDs (in): 3/4, 1, 1 1/4, 1 1/2,
2, 2 1/2, 3, 4



WT Series

Food Grade Material
Handling Hose
Available IDs (in): 1, 1 1/4, 1 1/2, 2, 2
1/4, 2 1/2, 3, 3 1/2, 4

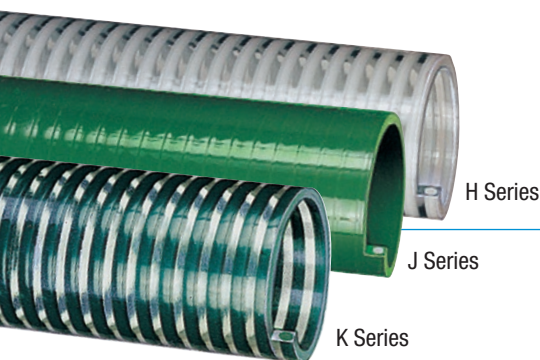


WE Series

Food Grade Material Handling
Hose With Grounding Wire
Available IDs (in): 1, 1 1/4, 1 1/2, 2, 2
1/4, 2 1/2, 3, 3 1/2, 4

Most Tigerflex PVC and TPU hoses up to 4" ID now available in custom lengths up to 200 feet!

Contact Kuriyama of America for potential availability. Minimum order quantities may apply.



HTM Series JTM Series KTM Series

NEW
LENGTHS

Standard-Duty, PVC Suction Hose

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
HJK



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)*

**Actual service temperature range is application dependent.*

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.
- **Convuluted Outer Cover (Sizes 6" & 8")** – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F	at 68°F		
➤ H/J/K075	3/4	19.0	1.01	25.6	110	70	28	26	3	200/100	0.19
➤ H/J/K100	1	25.4	1.26	32.0	85	60	28	26	3	200/100	0.26
➤ H/J/K125	1 1/4	31.7	1.56	39.6	85	60	28	24	4	200/100	0.35
➤ H/J/K150	1 1/2	38.1	1.83	46.5	70	50	28	24	5	200/100	0.48
➤ H/J/K200	2	50.8	2.32	59.0	65	45	28	24	7	200/100	0.66
➤ H/J/K250	2 1/2	63.5	2.87	73.0	65	45	28	24	8	200/100	0.87
➤ H/J/K300	3	76.2	3.43	87.0	60	40	28	22	10	200/100	1.24
➤ H/J/K400	4	101.6	4.50	114.7	50	35	28	22	15	200/100	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

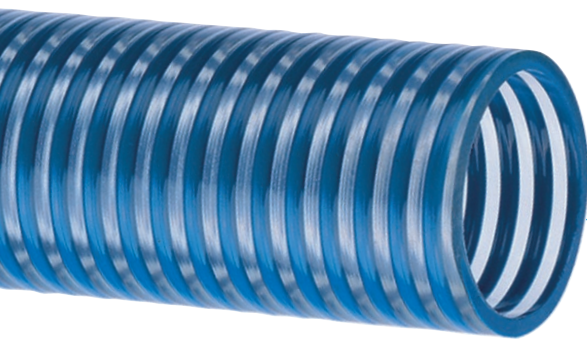
NOTES:

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

COMPLIANCES (for details see page 10)

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.



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

NEW
LENGTHS

View Up To Date Info



◀ SCAN OR VISIT
[KOA.link/
BW](https://KOA.link/BW)



GENERAL APPLICATIONS

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

CONSTRUCTION

PVC tube with rigid PVC helix

SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*

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.
- **Convuluted Outer Cover (Sizes 5" & 6")** – Provides increased hose flexibility.

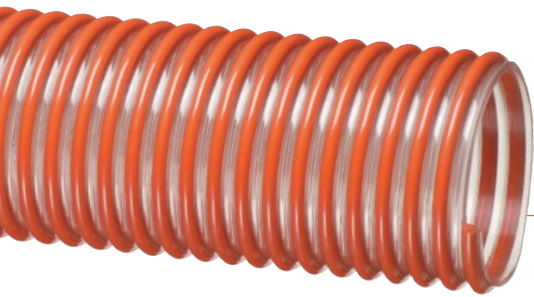
Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
➤ BW075	3/4	19.1	1.01	25.6	115	75	Full	28	3	200/100	0.19
➤ BW100	1	25.4	1.26	32.0	90	65	Full	28	3	200/100	0.22
➤ BW125	1 1/4	31.8	1.56	39.6	90	65	Full	26	4	200/100	0.36
➤ BW150	1 1/2	38.1	1.79	45.5	90	65	Full	26	5	200/100	0.48
➤ BW200	2	50.8	2.35	59.8	90	65	Full	26	7	200/100	0.62
➤ BW250	2 1/2	63.5	2.87	73.0	70	48	Full	26	8	200/100	0.87
➤ BW300	3	76.2	3.43	87.0	65	45	Full	26	10	200/100	1.23
➤ BW400	4	101.6	4.49	114.0	55	40	Full	26	15	200/100	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

NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- Refer to Storage and Handling, and Max Coil Stack Height on page 65.

COMPLIANCES (for details see page 10)
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.



MULCH™ Series

Heavy-Duty, PVC, Material Handling Hose

NEW
LENGTHS

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
MULCH



GENERAL APPLICATIONS

- Material handling – standard duty
- Soil, seed and compost delivery
- Mulch, bark, wood chips and other surfacing material delivery

CONSTRUCTION

PVC tube and rigid PVC helix

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*

FEATURES AND ADVANTAGES

- **Abrasion Resistant PVC Tube** – Formulated from highly durable PVC compounds for increased abrasion and tear resistance versus standard PVC hoses.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
■ MULCH400	4	101.6	4.57	116.0	35	15	Full	28	8	200/100	1.42
MULCH500	5	127.0	5.61	142.6	30	12	24	22	14	100	1.75
MULCH600	6	153.4	6.79	172.4	25	10	24	22	16	100	2.42

NOTES:

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

COMPLIANCES (for details see page 10)

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.



BARK™ Series “Bark Hose”

Standard-Duty, PVC, Material Handling Hose

NEW
LENGTHS

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
BARK



GENERAL APPLICATIONS

- Lawn and leaf collection
- Material handling – standard duty
- Mulch, bark, wood chips and other surfacing material delivery
- Soil, seed and compost delivery

CONSTRUCTION

PVC tube with rigid PVC helix

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*

FEATURES AND ADVANTAGES

- **Abrasion Resistant PVC Tube** – Formulated from highly durable PVC compounds for increased abrasion and tear resistance versus standard PVC hoses.
- **Convolute Outer Cover** – Provides increased hose flexibility. Allows for easier unwinding and winding on hose reels.
- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
▶ BARK400	4	101.6	4.45	113.0	18	11	15	10	10	200/100	0.95
BARK500	5	127.0	5.47	138.9	17	10	14	8	11	100	1.29

NOTES:

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

COMPLIANCES (for details see page 10)
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.



W™ Series

Heavy-Duty, PVC Liquid Suction Hose

NEW LENGTHS

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
W

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)*

**Actual service temperature range is application dependent.*

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.
- Convoluted Outer Cover – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
W100	1	25.4	1.30	33.0	55	35	Full	28	1	200/100	0.21
W125	1 1/4	31.7	1.60	40.6	50	30	Full	28	2	200/100	0.28
W150	1 1/2	38.1	1.85	47.0	50	30	Full	28	2	200/100	0.34
W200	2	50.8	2.40	61.0	50	30	Full	28	3	200/100	0.52
W250	2 1/2	63.5	2.99	75.9	45	25	Full	28	4	200/100	0.77
W300	3	76.2	3.64	92.5	45	25	Full	28	6	200/100	1.18
W400	4	101.6	4.76	121.0	35	18	Full	28	8	200/100	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

NOTES:

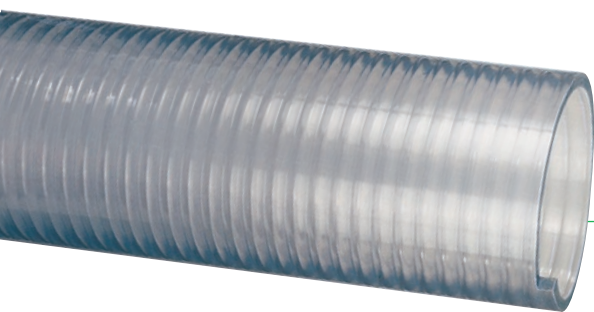
- Service life may vary depending on operating conditions and type of material being conveyed.

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

COMPLIANCES (for details see page 10)

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.



FT™ Series

Heavy-Duty, Food Grade, PVC, Suction Hose

NEW
LENGTHS

View Up To Date Info



◀ SCAN OR VISIT

**KOA.link/
FT**



GENERAL APPLICATIONS

- Food grade liquids such as milk, beer, wine and juice
- Milk and dairy product transfer
- Poultry processing
- Ice transfer

CONSTRUCTION

PVC tube with rigid PVC helix

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*

FEATURES AND ADVANTAGES

- **Food Grade Materials** – Hose complies with applicable FDA⁽⁰³⁾ and 3-A⁽⁰¹⁾ requirements. Hose complies with applicable USDA⁽¹²⁾ requirements.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Smooth Outer Cover** – Provides increased pressure rating and smooth surface for banding.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in)	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F	at 68°F		
FT075	3/4	19.0	0.94	24.0	115	75	Full	28	3	200/100	0.17
FT100	1	25.5	1.28	32.5	100	70	Full	28	3	200/100	0.24
FT125	1 1/4	32.0	1.56	39.6	90	65	Full	28	4	200/100	0.44
FT150	1 1/2	38.1	1.80	46.5	85	60	Full	28	6	200/100	0.50
FT200	2	50.8	2.36	60.0	85	60	Full	26	8	200/100	0.71
FT250	2 1/2	63.5	2.88	73.2	65	45	Full	26	10	200/100	0.94
FT300	3	76.2	3.42	86.9	55	40	Full	24	11	200/100	1.14
FT400	4	101.6	4.51	114.6	50	35	Full	24	18	200/100/60	1.91
FT500	5	127.0	5.51	140.0	40	25	28	23	28	100/20	2.41
FT600	6	153.4	6.59	167.4	30	20	28	15	48	20	3.28
FT800	8	204.7	8.85	224.7	25	15	28	10	60	20	5.67

NOTES:

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

COMPLIANCES (for details see page 10)

3A (01), **BSE/TSE** (02), **FDA** (03), **Phthalate Free** (10), **RoHS** (11), **USDA** (12)

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



WT™ Series

Food Grade, PVC Material Handling Hose



View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
WT



GENERAL APPLICATIONS

- Food grade liquids such as potable water, beer, wine and juice
- Food grade material handling – standard duty
- Pharmaceutical product transfer
- Plastic processing equipment
- Pneumatic conveying equipment
- Poultry processing

CONSTRUCTION

PVC tube with rigid PVC helix

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to +150°F (+65°C)*

**Actual service temperature range is application dependent.*

FEATURES AND ADVANTAGES

- **Superior Product Design** – Tigerflex™ WT™ series hoses are an industry standard for pneumatic material handling due to our specially engineered compound, innovative design and uncompromising quality control. Provides the ideal combination of light weight, flexibility and durability.
- **Food Grade Materials** – Hose complies with applicable FDA⁽⁰³⁾, 3-A⁽⁰¹⁾ and USDA⁽¹²⁾ requirements.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
WT100	1	25.4	1.30	33.0	55	30	28	28	2	200/100/50	0.21
WT125	1 1/4	31.7	1.60	40.6	50	25	28	28	2	200/100/50	0.28
WT150	1 1/2	38.1	1.92	48.8	50	25	28	28	3	200/100/50	0.35
WT200	2	50.8	2.40	61.0	40	20	28	24	4	200/100/50	0.56
WT225	2 1/4	57.2	2.74	69.6	40	20	28	24	4 1/2	200/100/50	0.65
WT250	2 1/2	63.5	2.99	75.9	40	20	28	24	5	200/100/50	0.77
WT300	3	76.2	3.64	92.5	40	20	28	24	6	200/100/50	1.10
WT350	3 1/2	88.9	4.21	107.0	35	18	28	24	8	200/100/50	1.48
WT400	4	101.6	4.72	120.0	35	18	24	22	10	200/100/50	1.80
WT500	5	127.0	5.74	145.8	30	15	24	22	16	100/50/20	2.34
WT600	6	152.4	6.91	175.5	30	15	24	22	18	100/50/20	3.70
WT800	8	203.2	8.97	227.8	20	10	20	18	36	50/20	5.53
WT45M	1.77	45.0	2.09	53.0	45	25	28	24	4	100/50	0.44
WT57M	2.24	57.0	2.68	68.0	40	20	28	24	4 1/2	100/50	0.64
WT60M	2.36	60.0	2.8	71.1	40	20	28	24	4 1/2	100/50	0.71

NOTES:

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

COMPLIANCES (for details see page 10)

3A (01), **BSE/TSE** (02), **FDA** (03), **Phthalate Free** (10), **RoHS** (11), **USDA** (12)

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



WE™ Series

Food Grade, PVC Material Handling Hose with Grounding Wire

NEW
LENGTHS

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/
WE



GENERAL APPLICATIONS

- Food grade material handling - standard duty
- Pharmaceutical product transfer
- Plastic processing equipment
- Pneumatic conveying equipment

CONSTRUCTION

PVC tube with rigid PVC helix and grounding wire

SERVICE TEMPERATURE RANGE

-4°F (-20°C) to +150°F (+65°C)*

*Actual service temperature range is application dependent.

FEATURES AND ADVANTAGES

- **Superior Product Design** – Tigerflex™ WE™ series hoses are an industry standard for pneumatic material handling, due to our specially engineered compound, innovative design and uncompromising quality control. Provides the ideal combination of light weight, flexibility and durability.
- **Food Grade Materials** – Hose complies with applicable FDA⁽⁰³⁾, 3-A⁽⁰¹⁾ and USDA⁽¹²⁾ requirements.
- **Grounding Wire** – Multi-strand wire helps prevent the build-up of static electricity for added safety and to help keep material flowing smoothly. It's embedded within the rigid helix to prevent contamination of transferred materials.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **Convuluted Outer Cover** – Provides increased hose flexibility.

Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
WE100	1	25.4	1.30	33.0	55	30	28	28	2	200/100/50	0.21
WE125	1 1/4	32.0	1.65	42.0	50	25	28	28	2	200/100/60/50	0.33
WE150	1 1/2	38.1	1.93	49.0	50	25	28	28	3	200/100/60/50	0.43
WE200	2	50.8	2.48	63.0	40	20	28	24	4	200/100/60/50	0.58
WE225	2 1/4	57.2	2.80	71.0	40	20	28	24	4 1/2	200/100/60/50	0.65
WE250	2 1/2	63.5	3.07	76.5	40	20	28	24	5	200/100/60/50	0.89
WE300	3	76.2	3.64	91.5	40	20	28	24	6	200/100/60/50	1.25
WE350	3 1/2	88.9	4.27	108.5	35	18	28	24	8	200/100/60/50	1.55
WE400	4	101.6	4.72	120.0	35	18	24	20	10	200/100/60/50	1.93
WE500	5	127.0	5.74	146.0	30	15	24	20	16	60/50/20	2.40
WE600	6	152.4	6.81	175.5	30	15	24	20	18	60/50/20	3.70
WE800	8	204.8	9.06	230.0	20	10	20	18	36	20	5.62
WE45M	1.77	45.0	2.20	55.8	45	25	28	24	4	60	0.46
WE57M	2.24	57.0	2.76	70.0	40	20	28	24	4 1/2	60	0.64
WE60M	2.36	60.0	2.80	71.1	40	20	28	24	4 1/2	100/50	0.71

NOTES:

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

⚡ CAUTION:

Grounding wire is designed to help dissipate static charge when extracted and connected to ground. Hose is not to be used in combustible situations unless it has been determined by the end user the application is not sufficient to result in propagating brush discharge.

COMPLIANCES (for details see page 10)

3A (01), **BSE/TSE** (02), **FDA** (03), **Phthalate Free** (10), **RoHS** (11), **USDA** (12)

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

ISO 9001 REGISTRATION

Tigerflex™ hoses are manufactured with ISO 9001 registered quality management systems.

The ISO 9001 family of standards represents an international consensus on good manufacturing practices with the aim of ensuring that the organization consistently delivers the product or services that meet the customer's quality requirements.

ISO 9001 is a quality assurance model against which a plant's quality system can be independently audited.

COMPLIANCE FOOTNOTES FOR TIGERFLEX™ CATALOG PRODUCTS

- (01) **3A** – Material approved by 3-A Sanitary Standards, Inc. for multi-use plastic materials, number: 20-25, as product contact surfaces in equipment for production, processing and handling of milk and milk products.
- (02) **BSE/TSE** – The majority of the raw materials used in our formulations are not manufactured or derived from materials of animal origin. Nor do our products come into contact with materials of animal origin during processing. Our suppliers of raw materials have assured us their compounds exceed the relevant European Guidance on minimizing the Risk of Transmitting Animal Spongiform Encephalopathy Agents Via Human and Veterinary Medical Products.
- (03) **FDA** – Material conforms to CFR title 21, parts 170-199.
- (04) **FDA** – Material conforms to CFR title 21, parts 177.1680 and 177.2600.
- (05) **FDA** – Material conforms to CFR title 21, parts 177.2600 and 175.105.
- (06) **FDA** – Material conforms to CFR title 21, parts 177.2800 (5)(i), 21 CFR 170.39.
- (07) **MSHA** – Hose approved by the United States Department of Labor's Mine Safety and Health Administration as having met Part 18, Title 30 CFR, and the Interim Fire Criteria for Acceptance of Products Taken into Underground Mines as water transfer hose.
- (08) **MSHA** – Hose approved by the United States Department of Labor's Mine Safety and Health Administration as having met the Interim Fire Criteria Acceptance of Products Taken Into Underground Mines as a hydraulic hose/hose bundle protection sleeve. Not intended for protection of electrical cables, and not intended for the repair or conveying of damaged hydraulic hoses.
- (09) **NSF** – Hose liner certified under NSF/ANSI/CAN 61 for use in potable water applications.
 - a) <https://info.nsf.org/Certified/PwsComponents/Listings.asp?Company=C0208288&Standard=061>
 - b) Material code PF2000
- (10) **Phthalate Free** – Manufactured from all phthalate free materials.
- (11) **RoHS** – The product complies with the requirements of the EU directive 2002/95/EC which is on the restriction of the use of certain hazardous substances in electrical and electronic equipment.
- (12) **USDA** – Hose complies with applicable USDA requirements for use in federally inspected meat and poultry plants.

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STORAGE REQUIREMENTS



Hose should be stored indoors out of direct sunlight. Hose should be stored a minimum of ten feet from fluorescent light fixtures.



Hose should always be stored flat on smooth surfaces. Hose should not be stored on its side as this can cause the section of the hose resting on the ground to become deformed, or “egg shaped”.



Hose coils should not be stacked more than six coils high. Please refer to the following chart for recommended maximum stacking height requirements by hose size:

Hose Size (ID)	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"+
Max Coil Stack Height	6	5	5	5	4	4	3	3	3	2	1

Exceeding these coil stacking requirements may cause the compression load factor on the bottom coil to exceed the hose’s load limitations, causing the bottom coil to flatten out.



During storage, hose should be kept in its original wrapping when possible, and kept free of dust and dirt.



Hose should not be exposed to water, oils, solvents, or corrosive liquids and fumes during storage. Hose should be protected from rodents and insects.



Rubber hoses should not be stored near electrical equipment. The motor in the equipment can generate ozone, which can attack and damage rubber hose.



Hose should not be subjected to extreme temperatures. Ideal hose storage temperature is between 50°F and 70°F, and ideally should not exceed 100°F. *Be aware, when the air temperature is over 90°F outdoor ground surfaces such as asphalt, concrete and gravel can be in excess of 150°F.* Such extreme heat conditions could reduce service life of thermoplastic products. Do not store hoses near heat sources such as heat vents, heaters or radiators. Hoses should not be exposed to dampness or high humidity during storage.



Hose should not be kinked or run over by any equipment. Do not drag the hose during storage & shipping. In the handling of larger ID hose, dollies should be used in transporting whenever possible. Slings or handling rigs, properly placed in multiple locations throughout the hose, should be used to support heavier hose. Hanging and supporting coils using forklift forks without protection may damages hose.

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Hose or tubing used in bent configurations will be subjected to increased abrasion. Hose clamps or couplings may loosen after initial installation and all sections of hose and tubing including connections, couplings, clamps, conductivity and bonding should be inspected frequently, regularly and consistently, and should be replaced, adjusted or re-tightened for the avoidance of leakage, for the prevention of injuries or damages, and for general safety purposes. Except as indicated in its Limited Warranty, Seller shall not be liable or responsible for direct or indirect injuries or damages caused by or attributed to the failure or malfunction of any Products sold or distributed by it.

Purchasers or users of the Products should frequently and consistently undertake inspections and protective measures with respect to the use and application of Products, which should include the examination of tube and cover, conditions of the hose or tubing, and the identification, repair or replacement of sections showing cracking, blistering, separations, internal and external abrasions, leaking or slipped couplings or connections and make proper proof tests.

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