



# KURIYAMA

## Industrial Ducting Hose



## INDEX OF PRODUCTS BY SERIES

Accessories Compatibility Chart.....	26	LK™ Series.....	17
Application Guide.....	3	LKC™ Series.....	18
CG™ Series.....	12	SDBC, SDBC-SS™ Series.....	28
Chemical Resistance Guide.....	31	SDBCR™ Series.....	28
Compliance Footnotes.....	30	SDH™ Series.....	21
Clamps and Accessories.....	27-29	Table of Contents.....	2
CPCS™ Series.....	29	TMOD™ Series.....	19
CPSS™ Series.....	29	URE-BK™ Series.....	5
CPT™ Series.....	29	URE-CL™ Series.....	4
Ducting Hose Menders.....	26	UREH-BK™ Series.....	7
EDB™ Series.....	22-23	UREH-CL™ Series.....	6
EDW™ Series.....	22-23	UV1™ Series.....	9
Features & Advantages Guide by Hose Series.....	3	UVE™ Series.....	10
GT™ Series.....	13	UVF™ Series.....	8
GTF™ Series.....	15	UVFE™ Series.....	10
GTFE™ Series.....	16	VID-CL™ Series.....	11
GTG™ Series.....	14	WGC-CS™ Series.....	27
HTNP2™ Series.....	20	WGC-SS™ Series.....	27
HTG4000 Series.....	24-25		

## TABLE OF CONTENTS

Index.....	2
Application Guide.....	3
Features & Advantages Guide by Hose Series.....	3

## HOSE CLAMPS/ MENDERS

CPCS™ Series.....	29
CPSS™ Series.....	29
CPT™ Series.....	29
DHM-AL Series.....	26
DHM-SS Series.....	26
SDBC, SDBC-SS™ Series.....	28
SDBCR™ Series.....	28
WGC-CS™ Series.....	27
WGC-SS™ Series.....	27

## POLYURETHANE (TPU) DUCTING HOSES

Urevac™ UV1™ Series.....	9
Urevac™ Food UVF™ Series.....	8
Urevac™ Food UVFE™ Series.....	10
Urevac™ UVE™ Series.....	10
Urevent™ Black URE-BK™ Series.....	5
Urevent™ Clear URE-CL™ Series.....	4
Urevent™ Heavy Duty Clear UREH-CL™ Series.....	6
Urevent™ Heavy Duty Black UREH-BK Series.....	7

## PVC & TPR DUCTING HOSES

CG™ Series.....	12
GT™ Series.....	13
GTF™ Series.....	15
GTFE™ Series.....	16
GTG™ Series.....	14
Lawn King™ LK™ Series.....	17
Lawn King™ LKC™ Series.....	18
Thermo-Duct™ TMOD™ Series.....	19
Vinylduct™ Clear VID-CL™ Series.....	11

## PP, NEOPRENE, SILICONE & METAL DUCTING HOSES

Extendo-Duct® EDB™ Series.....	22-23
Extendo-Duct® EDW™ Series.....	22-23
HTG 4000/ HTS 4000 Series.....	24-25
Neo-Duct® HTNP2™ Series.....	20
SIL-Duct® SDH™ Series.....	21

Accessories Compatibility Chart.....	26
Chemical Resistance Guide.....	28
Compliance Footnotes.....	30
Clamps and Accessories.....	27-29
The Kuriyama Network.....	Back Cover

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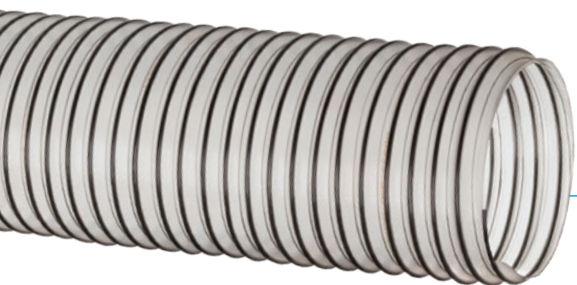
## FEATURES & ADVANTAGES GUIDE BY HOSE SERIES

SERIES	ABRASION RESISTANCE	"COLD-FLEX" MATERIALS	EASY SLIDE	FOOD GRADE	HIGH-TEMP RESISTANCE	OIL RESISTANT	STATIC DISSIPATIVE	TRANSPARENT CONSTRUCTION	WATER
CG			X					X	X
EDB/EDW							X		
GT/GTG			X					X	X
GTF/GTFE			X	X			X	X	X
HT4000	X		X	X	X		X		
HTNP2	X	X			X		X		
LK/LKC	X	X	X					X	X
SDH		X			X		X		
TMOD		X			X		X		X
UV1/UVF	X	X	X			X	X	X	
URE-BK	X	X				X	X		X
URE-CL	X	X		X		X	X	X	X
UREH-BK	X	X				X	X		X
UREH-CL	X	X		X		X	X	X	X
UVF	X	X	X	X		X		X	
UVFE	X	X	X	X		X	X	X	
VID-CL		X		X			X	X	X

## APPLICATION GUIDE

APPLICATION	TPU HOSES						PVC & TPR HOSES						MISC. HOSES			
	URE-BK	URE-CL	UREH-BK	UREH-CL	UV1/UVF	UVF/UVFE	CG/CG-SL	GTF/GTFE	GT/GTG	LK	TMOD	VID-CL	EDB/EDW	HTNP2	SDH	HT4000
Cable and hose bundle protection							✓		✓	✓						✓
Drain lines							✓	✓	✓							
Ducting, ventilation & fume removal	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dust control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Food grade material handling		✓		✓		✓		✓				✓				✓
High temperature air handling										✓				✓	✓	✓
Insulation blowing	✓	✓	✓		✓			✓	✓							
Lavatory waste disposal	✓	✓	✓													
Lawn and leaf collection	✓	✓	✓	✓	✓			✓	✓		✓					
Material handling - standard duty	✓	✓	✓	✓	✓	✓										✓
Material handling - light duty	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓		✓
Mulch, bark, wood chips & other surfacing materials									✓							
Oil mist venting	✓	✓	✓	✓	✓	✓										
Pharmaceutical product transfer		✓		✓		✓		✓								
Plastic process driers															✓	✓
Plastic processing equipment	✓	✓	✓	✓	✓	✓										
Street and parking lot sweepers	✓	✓	✓	✓												
Woodworking/Furniture dust & chip control	✓	✓	✓	✓				✓		✓	✓					

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



# Urevent™ Clear URE-CL™ Series

## Food Grade Polyurethane Ducting/Material Handling Hose

View Up To Date Info



◀ SCAN OR VISIT  
[KOA.link/URE-CL](http://KOA.link/URE-CL)



### GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation & fume removal
- Dust control
- Food grade material handling
- Insulation blowing
- Lavatory waste disposal
- Material handling – standard duty
- Oil mist collection
- Pharmaceutical product transfer
- Woodworking, furniture dust & chip control

### CONSTRUCTION

0.030" thick ether polyurethane (TPU) hose with steel wire helix

### SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +225°F (+107°C); intermittent service to +250°F (+121°C)\*

\*Actual service temperature range is application dependent.

### FEATURES AND ADVANTAGES

- **Durable & Lightweight Polyurethane Material** – Designed for wet or dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus similar rubber or PVC hoses.
- **Steel Wire Helix** – Provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **Food Grade Material** – Hose complies with applicable FDA requirements.
- **Transparent Construction** – “See-the-flow.” Allows for visual confirmation of material flow.
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane** – Resists most animal and petroleum based oils.

Series Number	ID		OD		Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Compression Ratio	Standard Length/ Ctn (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
URE-CL200	2	50.8	2.23	56.6	31	29	2	3:1	25	0.36
URE-CL250	2 1/2	63.5	2.73	69.3	31	29	2	3:1	25	0.40
URE-CL300	3	76.2	3.23	82.0	30	29	2 1/2	3:1	25	0.44
URE-CL400	4	101.6	4.28	108.7	26	22	3 1/2	3:1	25	0.62
URE-CL500	5	127.0	5.28	134.1	22	21	4 1/2	3:1	25	0.65
URE-CL600	6	152.4	6.33	160.8	20	19	5 1/2	3:1	25	0.84
URE-CL800	8	203.2	8.33	211.6	14	14	7	3:1	25	1.40
URE-CL1000	10	255.0	10.33	262.4	11	6	8	3:1	25	1.93
URE-CL1200	12	304.8	12.33	313.2	10	5	9	3:1	25	2.26

#### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

#### COMPLIANCES (for details see page 30)

**BSE/TSE (02), FDA (03), 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.



# Urevent™ Black URE-BK™ Series Polyurethane Ducting/Material Handling Hose

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◀ SCAN OR VISIT

[KOA.link/  
URE-BK](https://KOA.link/URE-BK)



## GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation & fume removal
- Dust control
- Insulation blowing
- Lavatory waste disposal
- Material handling – standard duty
- Oil mist collection
- Woodworking, furniture dust & chip control

## CONSTRUCTION

0.030" thick ether polyurethane (TPU) hose with steel wire helix

## SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +225°F (+107°C); intermittent service to +250°F (+121°C)\*

\*Actual service temperature range is application dependent.

## FEATURES AND ADVANTAGES

- **Durable & Lightweight Polyurethane Material** – Designed for wet or dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus similar rubber or PVC hoses.
- **Steel Wire Helix** – Provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane** – Resists most animal and petroleum based oils.

Series Number	ID		OD		Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Compression Ratio	Standard Length/Ctn (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
URE-BK200	2	50.8	2.23	56.6	31	29	2	3:1	25	0.36
URE-BK250	2 1/2	63.5	2.73	69.3	31	29	2	3:1	25	0.40
URE-BK300	3	76.2	3.23	82.0	30	29	2 1/2	3:1	25	0.44
URE-BK400	4	101.6	4.28	108.7	26	22	3 1/2	3:1	25	0.62
URE-BK500	5	127.0	5.28	134.1	22	21	4 1/2	3:1	25	0.65
URE-BK600	6	152.4	6.33	160.8	20	19	5 1/2	3:1	25	0.84
URE-BK800	8	203.2	8.33	211.6	14	14	7	3:1	25	1.40
URE-BK1000	10	255.0	10.33	262.4	11	6	8	3:1	25	1.93
URE-BK1200	12	304.8	12.33	313.2	10	5	9	3:1	25	2.26

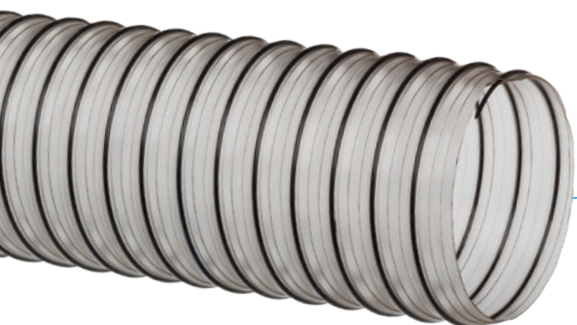
### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

## COMPLIANCES (for details see page 30)

RoHS (11)

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# Urevent™ HD UREH-CL™ Series

## Heavy Duty, Clear Food Grade Polyurethane Ducting/ Material Handling Hose

### GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation & fume removal
- Dust control
- Food grade material handling
- Material handling – standard duty
- Pharmaceutical product transfer
- Woodworking, furniture dust & chip control

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◀ SCAN OR VISIT  
[KOA.link/  
UREH-CL](https://KOA.link/UREH-CL)



### CONSTRUCTION

0.040" thick ether polyurethane (TPU) hose with steel wire helix

### SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +225°F (+107°C); intermittent service to +250°F (+121°C)\*

\*Actual service temperature range is application dependent.

### FEATURES AND ADVANTAGES

- **Durable & Lightweight Polyurethane Material** – Designed for wet or dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus similar rubber or PVC hoses.
- **Steel Wire Helix** – Provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **Food Grade Material** – Hose complies with applicable FDA requirements.
- **Transparent Construction** – “See-the-flow”. Allows for visual confirmation of material flow.
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.

Series Number	ID		OD		Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Compression Ratio	Standard Length/ Ctn (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
UREH-CL400	4	101.6	4.32	109.73	33	25	4	2:1	25	0.73
UREH-CL500	5	127.0	5.32	135.13	31	22	5	2:1	25	0.84
UREH-CL600	6	152.4	6.37	161.80	29	21	6	2:1	25	1.20
UREH-CL800	8	203.2	8.37	212.60	22	16	7 1/2	2:1	25	1.67
UREH-CL1000	10	255.0	10.37	263.40	21	9	9	2:1	25	2.03
UREH-CL1200	12	304.8	12.23	310.64	16	7	10	2:1	25	2.47

#### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

### COMPLIANCES (for details see page 30)

**BSE/TSE (02), FDA (03) 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.



# Urevent<sup>™</sup> HD UREH-BK<sup>™</sup> Series

## Heavy Duty, Black Polyurethane Ducting/Material Handling Hose

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SCAN OR VISIT  
[KOA.link/  
UREH-BK](https://KOA.link/UREH-BK)



### GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation & fume removal
- Dust control
- Material handling – standard duty
- Woodworking, furniture dust and chip control

### CONSTRUCTION

0.040" thick ether polyurethane (TPU) hose with steel wire helix

### SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +225°F (+107°C); intermittent service to +250°F (+121°C)\*

*\*Actual service temperature range is application dependent.*

### FEATURES AND ADVANTAGES

- **Durable & Lightweight Polyurethane Material** – Designed for wet or dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus similar rubber or PVC hoses.
- **Steel Wire Helix** – Provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.

Series Number	ID		OD		Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Compression Ratio	Standard Length/Ctn (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
UREH-BK400	4	101.6	4.32	109.73	33	25	4	2:1	25	0.73
UREH-BK500	5	127.0	5.32	135.13	31	22	5	2:1	25	0.84
UREH-BK600	6	152.4	6.37	161.80	29	21	6	2:1	25	1.20
UREH-BK800	8	203.2	8.37	212.60	22	16	7 1/2	2:1	25	1.67
UREH-BK1000	10	255.0	10.37	263.40	21	9	9	2:1	25	2.03
UREH-BK1200	12	304.8	12.23	310.64	16	7	10	2:1	25	2.47

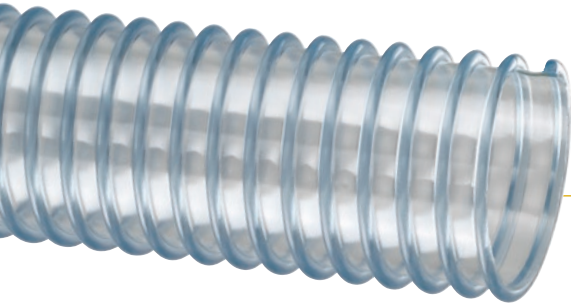
#### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

### COMPLIANCES *(for details see page 30)*

**BSE/TSE (02), 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.



# Urevac™ Food UVF™ Series

## Food Grade, Polyurethane Ducting/Light Material Handling Hose

### GENERAL APPLICATIONS

- Ducting, ventilation and fume removal
- Dust collection
- Food grade blower and ducting systems
- Food grade material handling – standard duty
- Pharmaceutical product transfer

View Up To Date Info



◀ SCAN OR VISIT

KOA.link/  
UVF



### CONSTRUCTION

Polyurethane (TPU) 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

- **Durable Lightweight Polyurethane Tube** – Designed for dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus similar rubber or PVC hoses.
- **Food Grade Materials** – Hose complies with applicable FDA<sup>(03)</sup> requirements. Hose complies with applicable USDA<sup>(12)</sup> requirements.
- **Transparent Construction** – “See-the-flow”. Allows for visual confirmation of material flow.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Easy Slide Helix** – Exposed rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Oil Resistant Polyurethane Hose** – Resists most animal and petroleum based oils.

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			
UVF150	1 1/2	38.1	1.82	46.2	20	7	22	14	1	50	0.23
UVF200	2	50.8	2.39	60.7	15	6	21	12	1 1/2	50	0.32
UVF250	2 1/2	63.5	2.89	73.4	10	5	19	10	1 1/2	50	0.39
UVF300	3	76.2	3.46	87.9	10	5	18	10	2 1/2	50	0.55
UVF400	4	101.6	4.50	114.3	8	4	13	8	3	50	0.77
UVF500	5	127.0	5.50	139.7	7	3	10	7	4	50	0.89
UVF600	6	152.4	6.54	166.1	6	3	7	5	5	50	1.15
UVF800	8	203.2	8.59	218.1	4	2	5	3	7	50/20	1.75

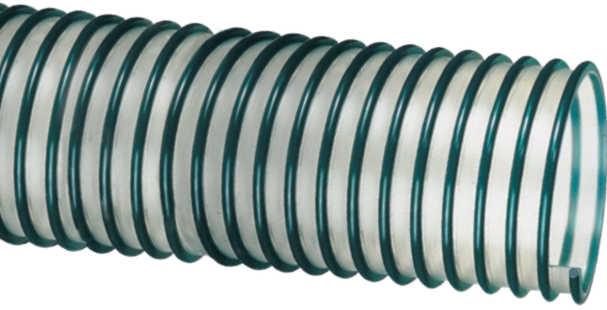
#### NOTES:

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

### COMPLIANCES (for details see page 87)

**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.



# Urevac™ UV1™ Series

## Polyurethane Ducting/Material Handling Hose

### GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation and fume removal
- Dust collection
- Insulation blowing
- Material chutes
- Material handling – standard duty

### CONSTRUCTION

Ester polyurethane (TPU) tube with rigid PVC helix

### SERVICE TEMPERATURE RANGE

-40°F (-40°C) to +150°F (+65°C)\*

\*Actual service temperature range is application dependent.

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◀ SCAN OR VISIT  
[KOA.link/UV1](https://KOA.link/UV1)



### FEATURES AND ADVANTAGES

- **Durable Lightweight Polyurethane Tube** – Designed for dry applications where abrasion is a factor. Provides longer hose life and lower operating costs versus rubber or PVC hoses.
- **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.
- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.

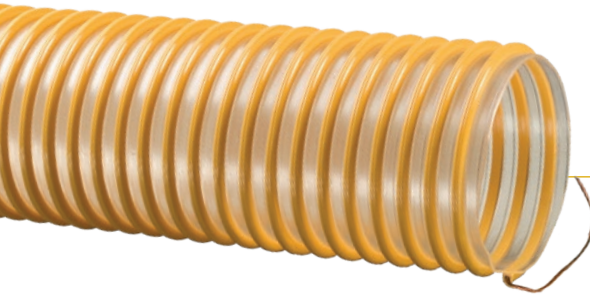
Series Number	ID		OD		Working Pressure (psi)		Vacuum Rating Hg (in)		Min. Bending Radius (in) at 68°F	Standard Length (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	at 68°F	at 104°F	at 68°F	at 104°F			
UV1-150	1 1/2	38.1	1.82	46.2	20	7	22	14	3/4	50	0.23
UV1-200	2	50.8	2.39	60.7	15	6	21	12	1 1/2	100/50	0.32
UV1-250	2 1/2	63.5	2.89	73.4	10	5	19	10	1 1/2	50	0.39
UV1-300	3	76.2	3.46	87.9	10	5	18	10	2 1/2	100/50	0.58
UV1-400	4	101.6	4.50	114.3	8	4	13	8	3	100/50	0.77
UV1-500	5	127.0	5.50	139.7	7	3	10	7	4	50	0.89
UV1-600	6	152.4	6.54	166.1	6	3	7	5	5	100/50	1.15
UV1-800	8	203.2	8.59	218.2	4	2	5	3	7	50	1.75

### NOTES:

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

**COMPLIANCES** (for details see page 87)  
**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.



# Urevac™ UVE™ Series

## Polyurethane Ducting/Material Handling Hose with Grounding Wire

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



### GENERAL APPLICATIONS

- Concrete resurfacing dust collection
- Ducting, ventilation and fume removal
- Dust collection
- Insulation blowing
- Material chutes
- Material handling – standard duty

### CONSTRUCTION

Ester polyurethane (TPU) 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.
- **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.
- **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. ⚡
- **Oil Resistant Polyurethane Tube** – Resists most animal and petroleum based oils.

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			
UVE-200	2	50.8	2.39	60.7	15	6	21	12	1 1/2	100/50	0.32
UVE-300	3	76.2	3.46	87.9	10	5	18	10	2 1/2	100/50	0.58
UVE-400	4	101.6	4.50	114.3	8	4	13	8	3	100/50	0.77
UVE-600	6	152.4	6.54	166.1	6	3	7	5	5	100/50	1.15
UVE-800	8	203.2	8.59	218.2	4	2	5	3	7	50	1.75

### 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 87)

**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.



# VinylDuct™ Clear VID-CL™ Series

Food Grade PVC Ducting/Material Handling Hose

## GENERAL APPLICATIONS

- Ducting, ventilation & fume removal
- Dust control
- Food grade material handling
- Lawn and leaf collection
- Material handling – light duty

## CONSTRUCTION

0.025" thick PVC hose with steel wire helix

## SERVICE TEMPERATURE RANGE

-20°F (-29°C) to +180°F (+82°C)\*

\*Actual service temperature range is application dependent.

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[KOA.link/  
VID-CL](https://KOA.link/VID-CL)



## FEATURES AND ADVANTAGES

- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **Food Grade Material** – Hose complies with applicable FDA requirements.
- **UL Information** – The clear PVC plastic material has been tested and conforms to UL94V-0.
- **Transparent Construction** – “See-the-flow”. Allows for visual confirmation of material flow.

Series Number	ID		OD		Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Compression Ratio	Standard Length/Ctn (ft)	Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)						
VID-CL200	2	50.8	2.23	56.6	28	29	2	3:1	25	0.36
VID-CL250	2 1/2	63.5	2.73	69.3	24	29	2	3:1	25	0.40
VID-CL300	3	76.2	3.23	82.0	20	26	2 1/2	3:1	25	0.44
VID-CL400	4	101.6	4.28	108.7	18	22	3 1/2	3:1	25	0.62
VID-CL500	5	127.0	5.28	134.1	16	21	4 1/2	3:1	25	0.65
VID-CL600	6	152.4	6.33	160.8	14	19	5 1/2	3:1	25	0.84
VID-CL800	8	203.2	8.33	211.6	10	14	6 1/2	3:1	25	1.40
VID-CL1000	10	255.0	10.33	262.4	9	6	7	4:1	25	1.93
VID-CL1200	12	304.8	12.33	313.2	8	5	8 1/2	4:1	25	2.26

### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the embedded grounding wire is physically extracted and securely connected to ground, through the fitting or by other means.

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



# CG™ Series “Cover Guard”

## PVC Ducting Cover Protection Hose

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KOA.link/  
CG



### GENERAL APPLICATIONS

- Cable and hose bundle protection (MSHA)
- Dust collection
- Ducting, ventilation and fume removal
- Mine supply line cover protection

### 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

- **MSHA (08) Approved** – Meets U.S. Dept. of Labor Administration requirements for flame-resistance for use in mines for protection of hose bundles. Optional, special order, red or green colored helix also approved.
- **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.
- **CG-SL Series** – pre-slit for easy insertion of hose bundles.

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			
CG200	2	50.8	2.30	58.4	12	6	10	5	2	100	0.28
CG238	2 3/8	60.3	2.76	70.1	12	6	10	5	2	100	0.38
CG250	2 1/2	63.5	2.81	71.3	10	5	8	4	2	100	0.39
CG300	3	76.2	3.35	85.0	8	4	7	3	3	100	0.45
CG350	3 1/2	88.9	3.83	97.4	8	4	7	3	3	100	0.51
CG400	4	102.4	4.39	111.4	6	3	6	3	3	100	0.64

#### NOTES:

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

### COMPLIANCES (for details see page 87)

**MSHA (08), 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.



# GT™ Series

## PVC Ducting/Material Handling Hose

### GENERAL APPLICATIONS

- Cable protection
- Drain lines
- Ducting, ventilation and fume removal
- Dust collection
- Material handling – light duty

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◀ SCAN OR VISIT

[KOA.link/  
GT](https://KOA.link/GT)



### 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** – “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.

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			
GT150	1 1/2	38.1	1.82	46.2	20	7	22	14	1	100/50	0.23
GT200	2	50.8	2.39	60.8	15	6	21	12	2	100/50	0.30
GT238	2 3/8	60.3	2.76	70.1	12	6	10	5	2	100	0.38
GT250	2 1/2	63.5	2.89	73.4	10	5	19	10	2	100/50	0.39
GT300	3	76.2	3.46	87.9	10	5	18	10	3	100/50	0.50
GT350	3 1/2	88.9	4.02	102.0	9	4	15	8	3	100/50	0.68
GT400	4	101.6	4.50	114.3	8	4	13	7	3	100/50	0.77
GT500	5	127.0	5.50	139.7	7	3	10	6	5	100/50	0.91
GT600	6	152.4	6.54	166.1	6	3	7	5	6	100/50	1.08
GT800	8	203.2	8.59	218.2	4	2	5	3	8	50	1.74
GT1000	10	254.0	11.68	296.6	2	—	2	—	10	50	2.70

### NOTES:

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

**COMPLIANCES** (for details see page 87)

**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.



# GTG™ Series

## PVC Ducting/Light Material Handling Hose

### GENERAL APPLICATIONS

- Cable protection
- Drain lines
- Ducting, ventilation and fume removal
- Dust collection
- Material handling – light duty

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[KOA.link/  
GTG](https://koya.link/GTG)



### 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

- **Easy Slide Helix** – Rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.
- **Anti-Microbial Tube** – Inhibits growth of bacteria, fungi, mold and yeast.

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			
GTG150	1 1/2	38.1	1.82	46.2	20	7	22	14	1	100/50	0.23
GTG200	2	50.8	2.39	60.8	15	6	21	12	2	100	0.30
GTG250	2 1/2	63.5	2.89	73.4	10	5	19	10	2	100/50	0.39
GTG300	3	76.2	3.46	87.9	10	5	18	10	3	100/50	0.50

#### NOTES:

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

### COMPLIANCES (for details see page 87)

**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.



# GTF™ Series

## Food Grade, PVC, Ducting/Light Material Handling Hose

### GENERAL APPLICATIONS

- Ducting, ventilation and fume removal
- Food grade blower and ducting systems
- Material handling – light duty
- Pharmaceutical product 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.

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◀ SCAN OR VISIT

[KOA.link/  
GTF](https://KOA.link/GTF)



### FEATURES AND ADVANTAGES

- **Food Grade Materials** – Hose complies with applicable FDA<sup>(03)</sup> and 3-A<sup>(01)</sup> requirements. Hose complies with applicable USDA<sup>(12)</sup> 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.
- **Easy Slide Helix** – Exposed rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.

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			
GTF150	1 1/2	38.1	1.82	46.2	20	7	22	14	1	100	0.23
GTF200	2	50.8	2.39	60.8	15	6	21	12	2	100	0.30
GTF250	2 1/2	63.5	2.89	73.4	10	5	19	10	2	100	0.39
GTF300	3	76.2	3.46	87.9	10	5	18	10	3	100/50	0.50
GTF400	4	101.6	4.50	114.3	8	4	13	7	3	100/50	0.77
GTF600	6	152.4	6.54	166.1	6	3	7	5	6	50	1.08
GTF800	8	203.2	8.59	218.2	4	2	5	3	8	50	1.74

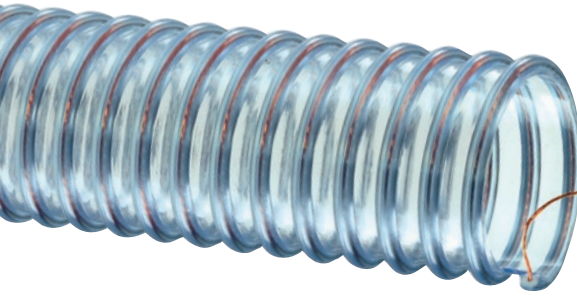
#### NOTES:

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

#### COMPLIANCES (for details see page 87)

**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.



# GTFE™ Series

## Food Grade, PVC, Ducting/Light Material Handling Hose with Grounding Wire

### GENERAL APPLICATIONS

- Ducting, ventilation and fume removal
- Food grade blower and ducting systems
- Material handling – light duty
- Pharmaceutical product transfer

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



### 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

- **Food Grade Materials** – Hose complies with applicable FDA<sup>(03)</sup> and 3-A<sup>(01)</sup> requirements. Hose complies with applicable USDA<sup>(12)</sup> 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.
- **Easy Slide Helix** – Exposed rigid helix design protects hose tube from cover wear, and allows hose to slide easily over rough surfaces. Easy-to-handle.

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			
GTFE150	1 1/2	38.1	1.82	46.2	20	7	22	14	1	100	0.23
GTFE200	2	50.8	2.39	60.8	15	6	21	12	2	100	0.30
GTFE250	2 1/2	63.5	2.89	73.4	10	5	19	10	2	100	0.39
GTFE300	3	76.2	3.46	87.9	10	5	18	10	3	100/50	0.50
GTFE400	4	101.6	4.50	114.3	8	4	13	7	3	100/50	0.77
GTFE600	6	152.4	6.54	166.1	6	3	7	5	6	50	1.08
GTFE800	8	203.2	8.59	218.2	4	2	5	3	8	50	1.74

#### 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 87)

**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.



# Lawn King™ LK™ Series

## Low Temperature, PVC, Ducting/Material Handling Hose

### GENERAL APPLICATIONS

- Dust collection
- Lawn and leaf collection
- Material handling – light duty

### CONSTRUCTION

PVC tube with rigid PVC helix

### SERVICE TEMPERATURE RANGE

-20°F (-29°C) to +150°F (+65°C)\*

*\*Actual service temperature range is application dependent.*

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



### FEATURES AND ADVANTAGES

- “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. Easy-to-handle.

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			
LK400	4	101.6	4.57	114.8	8	4	13	7	3	100/50	0.85
LK600	6	152.4	6.63	168.3	6	3	7	5	6	100/50	1.34
LK800	8	203.2	8.63	219.3	4	2	5	3	8	50	2.00

### NOTES:

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

**COMPLIANCES** (for details see page 87)  
**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.



# Lawn King™ LKC™ Series

## Low Temperature, PVC, Ducting/Material Handling Hose

### GENERAL APPLICATIONS

- Dust collection
- Lawn and leaf collection
- Material handling – light duty

### CONSTRUCTION

PVC tube with rigid PVC helix

### SERVICE TEMPERATURE RANGE

-20°F (-29°C) to +150°F (+65°C)\*

*\*Actual service temperature range is application dependent.*

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← SCAN OR VISIT  
[KOA.link/  
LKC](http://KOA.link/LKC)



### FEATURES AND ADVANTAGES

- **“Cold-Flex” Materials** – Hose remains flexible in sub-zero temperatures.
- **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.

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			
LKC400	4	101.6	4.57	114.8	8	4	13	7	3	100/50	0.85
LKC600	6	152.4	6.63	168.3	6	3	7	5	6	100/50	1.34
LKC700	7	177.8	7.56	192.0	4	2	6	4	7	50	1.53
LKC800	8	203.2	8.63	219.3	4	2	5	3	8	50	2.00

#### NOTES:

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

### COMPLIANCES (for details see page 87)

**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.



# Thermo-Duct™ TMOD™ Series

## Thermoplastic Rubber Ducting/Material Handling Hose

### GENERAL APPLICATIONS

- Chemical vapor exhausting†
- Ducting, ventilation and fume removal
- Dust control
- High temperature air handling

### CONSTRUCTION

Thermoplastic rubber (TPR) hose with steel wire helix

### SERVICE TEMPERATURE RANGE

-60°F (-51°C) to +275°F (+135°C); intermittent service to +300°F (+149°C)\*

\*Actual service temperature range is application dependent.

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◀ SCAN OR VISIT

[KOA.link/TMOD](https://koya.link/TMOD)



### FEATURES AND ADVANTAGES

- **Thermoplastic Rubber (TPR) Material** – Combines the chemical resistant properties of PVC with the flexibility of rubber to handle a wide variety of ducting or light material handling applications, especially ones when high cycle strength is required.
- **Chemical Resistant** – Excellent resistance to a wide variety of industrial chemicals.†
- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation.⚡
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.

Series Number	ID (in)	ID (mm)	Working Pressure (psi) at 68°F	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Standard Length/Ctn. (ft)	Weight (lbs/ft)
TMOD200	2	50.8	60	27	1.00	25	0.22
TMOD250	2 1/2	63.5	60	27	1.50	25	0.29
TMOD300	3	76.2	40	27	1.50	25	0.30
TMOD400	4	101.6	40	27	1.50	25	0.47
TMOD500	5	127.0	40	24	2.40	25	0.61
TMOD600	6	152.4	40	11	2.80	25	0.71
TMOD800	8	203.2	40	16	4.20	25	1.62
TMOD1000	10	254.0	32	16	5.70	25	1.86
TMOD1200	12	304.8	25	14	5.00	25	2.05
TMOD1400	14	355.6	24	9	5.00	25	2.20

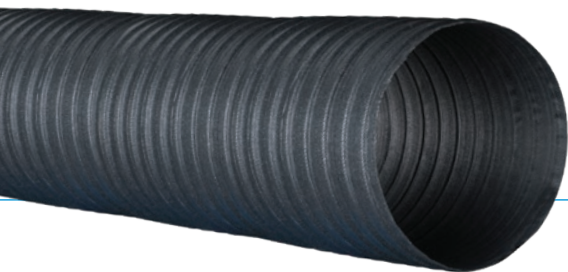
### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ CAUTION: This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.
- † CAUTION: Before using any hose, the user is responsible for determining it's suitability for the intended application. Therefore, the user assumes all risk and responsibility for determining the suitability of any hose for handling any chemical or chemicals.

### COMPLIANCES (for details see page 30)

RoHS (11)

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



# Neo-Duct® HTNP2™ Series

## Neoprene Coated, Two-Ply Polyester Ducting Hose

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◀ SCAN OR VISIT  
[KOA.link/  
HTNP2](http://KOA.link/HTNP2)



### FEATURES AND ADVANTAGES

- **Neoprene Coated Polyester Material** – Heat and flame resistant tube well suited for air handling and fume control. More durable than double-ply cotton hoses, exhibiting good crush resistance and tensile strength.
- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡
- **UL Information** – The Neoprene coated Polyester material has been tested and conforms to UL94V-0.
- **“Cold-Flex” Material** – Hose remains flexible in sub-zero temperatures.

### GENERAL APPLICATIONS

- Ducting, ventilation & fume removal
- Dust control
- High temperature air handling
- Material handling – light duty

### CONSTRUCTION

Neoprene coated, two-ply polyester hose with steel wire helix

### SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +250°F (+127°C)\*

\*Actual service temperature range is application dependent.

Series Number	ID (in)	ID (mm)	Working Pressure (psi) at 68°F	Min. Bending Radius (in) at 68°F	Standard Length/Ctn (ft)	Weight (lbs/ft)
HTNP2-150	1 1/2	38.1	32	2.60	25	0.16
HTNP2-200	2	50.8	30	3.50	25	0.22
HTNP2-250	2 1/2	63.5	28	4.00	25	0.28
HTNP2-300	3	76.2	25	5.00	25	0.33
HTNP2-350	3 1/2	88.9	24	5.70	25	0.42
HTNP2-400	4	101.6	23	6.50	25	0.48
HTNP2-500	5	127.0	22	7.50	25	0.61
HTNP2-600	6	152.4	21	9.00	25	0.70
HTNP2-700	7	177.8	20	9.50	25	0.92
HTNP2-800	8	203.2	19	10.00	25	1.04
HTNP2-1000	10	254.0	18	11.00	25	1.36
HTNP2-1200	12	304.8	17	13.50	25	1.85
HTNP2-1400	14	355.6	16	15.50	25	2.10
HTNP2-1600	16	406.4	15	18.50	25	2.40
HTNP2-1800	18	457.2	6	22.00	25	2.70
HTNP2-2000	20	508.0	4	24.00	25	3.00

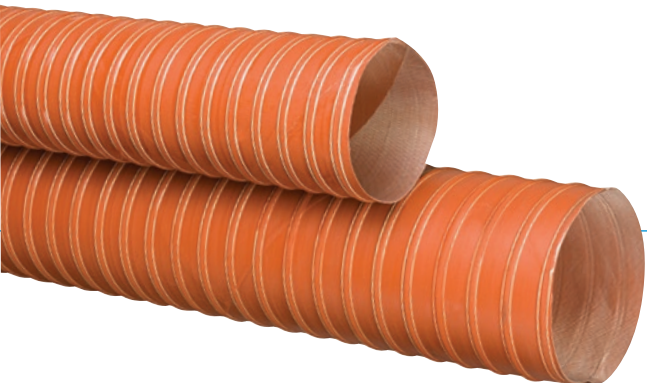
### NOTES:

- 50 ft. lengths are available on special request. Contact Kuriyama customer service for pricing and lead time.
- Service life may vary -depending on operating conditions and type of material being conveyed.
- ⚡ **CAUTION:** This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

### COMPLIANCES (for details see page 30)

RoHS (11), UL94V-0 (07)

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



# SIL-Duct® SDH™ Series

## Silicone Coated, Two-Ply, Woven Fiberglass Ducting Hose With Chemically Treated Steel Wire Helix

### GENERAL APPLICATIONS

- Ducting, ventilation and fume removal
- Dust control
- High temperature air handling
- Plastic processing dryers

### CONSTRUCTION

Silicone coated, two-ply, woven fiberglass hose with steel wire helix and double continuous filament, silicone treated fiberglass cord

### SERVICE TEMPERATURE RANGE

-80°F (-62°C) to +500°F (+260°C);  
intermittent service to +600°F (+316°C)\*

*\*Actual service temperature range is application dependent.*

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◀ SCAN OR VISIT

[KOA.link/SDH](http://KOA.link/SDH)



### FEATURES AND ADVANTAGES

- **Silicone Coated, Woven Fiberglass Material** – Vulcanized for high durability and long service life. Well suited for air handling and fume control at both high and low temperatures extremes.
- **Smooth Air Flow with Minimum Friction Loss** – Internal ply and narrow pitch helix allow for a tight bend radius while still maintaining smooth air flow. Other similar hoses create restricted inside diameter in bends or axial compression.
- **Easy Installation** – Light weight and highly kink resistant construction allows for easy installation in tight spaces requiring multiple bends.
- **Steel Wire Helix** – Highly durable steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Wire can be grounded for static dissipation. ⚡

Series Number	ID (in)	ID (mm)	Working Pressure (psi) at 68°F	Wall Thickness (in)	Max Leakage CFM	Vacuum Rating Hg (in) at 68°F	Min. Bending Radius (in) at 68°F	Standard Length/Ctn (ft)	Weight (lbs/ft)
SDH-100	1	25.4	60	0.07	0.015	Full	1.00	12	0.13
SDH-125	1 1/4	31.7	60	0.07	0.015	Full	1.30	12	0.16
SDH-150	1 1/2	38.1	55	0.07	0.015	26	1.50	12	0.19
SDH-175	1 3/4	44.5	55	0.07	0.020	26	1.80	12	0.22
SDH-200	2	50.8	50	0.07	0.020	20	2.00	12	0.25
SDH-250	2 1/2	63.5	45	0.07	0.025	16	2.50	12	0.31
SDH-300	3	76.2	45	0.07	0.030	14	3.00	12	0.39
SDH-350	3 1/2	88.9	40	0.07	0.035	12	3.50	12	0.45
SDH-400	4	101.6	40	0.08	0.040	10	4.00	12	0.53
SDH-450	4 1/2	114.3	35	0.08	0.050	8	4.50	12	0.60
SDH-500	5	107.0	35	0.08	0.060	8	5.00	12	0.67
SDH-600	6	152.4	30	0.09	0.100	6	6.00	12	0.81
SDH-800	8	203.2	15	0.11	0.150	6	8.00	12	1.11

### NOTES:

- Service life may vary depending on operating conditions and type of material being conveyed.
- ⚡ **CAUTION:** This product is designed to dissipate static electricity when the metal wire is physically extracted and securely connected to ground, through the fitting or by other means.

### COMPLIANCES (for details see page 30)

RoHS (11)

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# Extendo-Duct® EDB™ Series, EDW™ Series

Extendible/Contractible, Self-Supporting Polypropylene Ducting Hose

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◀ SCAN OR VISIT  
[KOA.link/  
EDB-EDW](http://KOA.link/EDB-EDW)



### GENERAL APPLICATIONS

- Air conditioning, spot cooling and heating systems
- Clean room and chemical fume exhaust
- Ducting, ventilation & fume removal
- Dust control
- Not for liquid handling use
- OEM equipment applications

### CONSTRUCTION

Extendable/contractible polypropylene tube with coated steel wire helix

### SERVICE TEMPERATURE RANGE

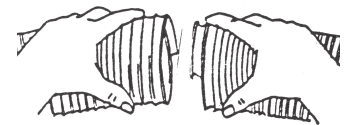
-4°F (-20°C) to +175°F (+80°C)\*

*\*Actual service temperature range is application dependent.*

### FEATURES AND ADVANTAGES

- **Polypropylene Tube** – Inert polypropylene material produces no off-gassing and is resistant to a wide variety of chemical fumes, making it ideal for a wide variety of clean room and fume exhaust applications.
- **Extendible and Contractible** – Hose extends easily and can be contracted to approximately one-third of full extended length for storage, shipping or where the full length is not required.
- **Self-supporting** – Unique construction allows the hose to maintain its shape and support itself once positioned.

- **Steel Wire Helix** – Coated steel wire provides strength and allows for use at higher temperatures without risk of hose deformation. Well suited for high cycle applications.
- **Interlock Construction** – Two sections can be joined by twisting them together. No mender required.



Series Number		ID		OD		Working Pressure (psi)		Vacuum Rating Hg (In)		Min. Bending Radius (in) at 68°F	Standard Length/Ctn (ft)	Approx. Contracted Shipping Length Hose Only (in)	Weight (lbs/ft) Hose Only
Brown	White	(in)	(mm)	(in)	(mm)	68°F	104°F	68°F	104°F				
EDB-150	EDW-150	1 1/2	37.5	1.63	41.5	20	7	22	14	1.20	20	85	0.10
EDB-200	EDW-200	2	53.5	2.26	57.5	13	6	21	12	1.60	20	82	0.12
EDB-250	EDW-250	2 1/2	67.0	2.80	71.0	10	5	19	10	2.00	20	72	0.16
EDB-300	EDW-300	3	76.5	3.17	80.5	10	5	18	10	2.30	20	72	0.18
EDB-400	EDW-400	4	102.0	4.17	106.0	8	4	13	7	3.00	20	70	0.23
EDB-500	EDW-500	5	127.5	5.18	131.5	7	3	10	6	4.30	20	70	0.27
EDB-600	EDW-600	6	155.0	6.26	159.0	6	3	7	5	5.10	20	70	0.33

### NOTES:

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

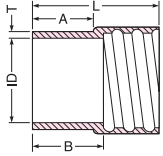
### COMPLIANCES (for details see page 30)

**Phthalate Free (10)**

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CMCB™  
Series Cuff



CMCW™  
Series Cuff

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[KOA.link/CMCB-W](http://KOA.link/CMCB-W)



**CALCULATING FRICTION LOSS**

The application requires 250 CFM and a 20 foot run of Extendo-Duct®. What would be the friction loss through a 6" diameter hose?

Draw a horizontal line at the desired CFM. Draw a vertical line downward from the point at which this horizontal line intersects the diagonal line for the desired hose diameter. Read the friction loss per 100 feet. Multiply this value by the hose length divided by 100.

In our example (shown in red on the graph): the vertical line drawn at the point of intersection of the horizontal 250 CFM line and the 6" dia. hose line shows 1.5" friction loss for 100 ft. of hose. Since the length is 20 ft., multiply the friction loss for 100 ft. by .20. The result is 0.3" friction loss.

**SELECTING THE PROPER SIZE EXTENDO-DUCT®**

A 60 ft. length of Extendo-Duct® is required to supply 950 CFM. The fan is capable of providing 1.5" SP. What size hose should be selected?

Draw a horizontal line at the desired CFM. Draw a vertical line upward from the appropriate spot on the horizontal axis. The proper hose selection is shown by the slanted line immediately to the left of the point at which the horizontal and vertical lines intersect.

In our example (shown in blue):  $1.5" \text{ SP} / (60/100) = 2.5"$ . The vertical line drawn at 2.5" intersects the horizontal line drawn at 950 CFM between the 8" and 10" hose lines. The 10" hose should be used.

# CMCB™ Series Cuff, CMCW™ Series Cuff

**EXTENDO-DUCT® SELECTION AND PERFORMANCE**

The chart below provides the means by which friction losses resulting from airflow through any length of a given diameter of Extendo-Duct® hose can be calculated. The chart can also be used to aid in selecting the proper diameter Extendo-Duct® for use in an application, or for calculating the volume of air which will be delivered at the end of the hose. *It should be noted that this chart is the result of laboratory tests performed on fully-extended lengths of Extendo-Duct®.*

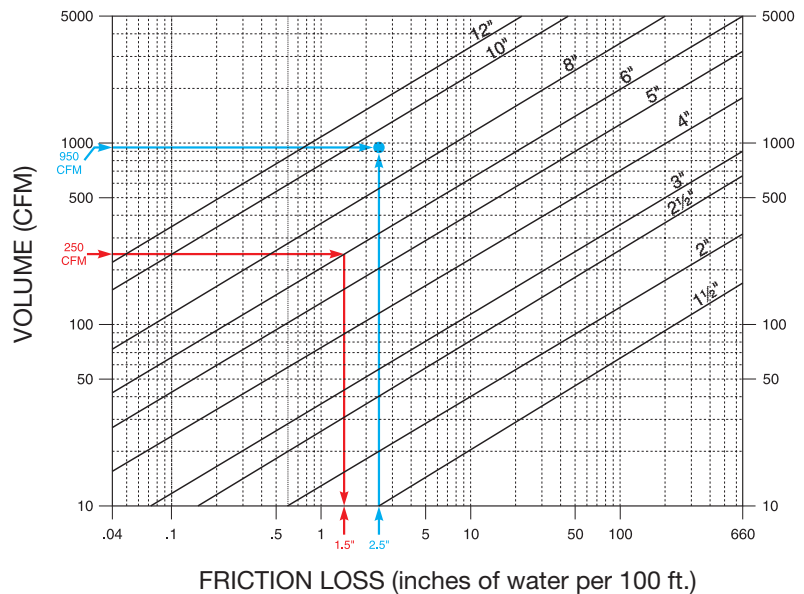
**CUSTOM MOLDED CUFFS†**

Part Number		ID (in)	L Total Length (in)	A Cuff Length Outside (in)	B Cuff Length Outside (in)	T Thickness (mm)
Brown	White					
CMCB-150	CMCW-150	1 1/2	2.76	1.38	1.57	3
CMCB-200	CMCW-200	2	2.76	1.38	1.57	3
CMCB-250	CMCW-250	2 1/2	2.76	1.38	1.57	3
CMCB-300	CMCW-300	3	3.15	1.57	1.77	3
CMCB-400	CMCW-400	4	3.54	1.77	1.97	3
CMCB-500	CMCW-500	5	3.74	1.77	1.93	3.5
CMCB-600	CMCW-600	6	3.94	1.77	2.17	3

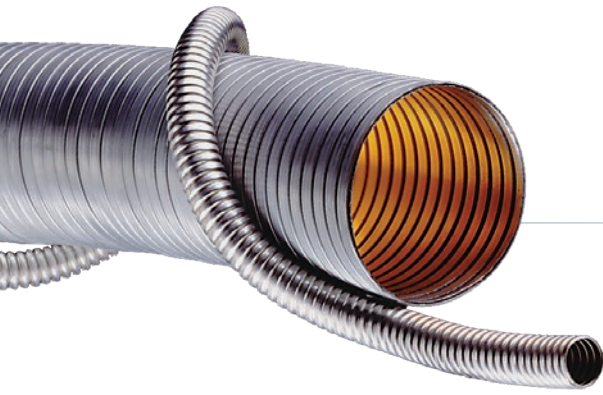
† Molded cuffs are an additional purchase option. Material: EPT Rubber.

**EXTENDO-DUCT® FRICTION LOSSES**

(Fully-extended ducts)



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# Rough Bore (unlined) Interlocked Metal Hose

HTS4000 Series HTG4000 Series

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[KOA.link/HTS-HTG](https://KOA.link/HTS-HTG)



## GENERAL APPLICATIONS

- Abrasive material handling
- BOP (Blow out Protection) for hydraulic, cryogenic and other high pressure hoses
- Bulk truck and railcar unloading
- Dry bulk transfer
- Fly ash and soda handling
- Grain handling
- Protective armor/shielding for hoses
- Transfer of high temperature air, gasses and materials
- Truck tailpipe exhaust
- Vacuum trucks and equipment

## CONSTRUCTION

A single strip of galvanized or 304 stainless steel wound into a interlocked metal hose, with or without packing materials



## MAX SERVICE TEMPERATURE RANGE

- Galvanized: to +750°F (+399°C)
- Stainless: to +1,500°F (+816°C)

*\*Actual service temperature range is application dependent.*

## FEATURES AND ADVANTAGES

- **Conductive** – prevents the build-up of static electricity eliminating the risk of “hose arcing”.
- **Flexible** – corrugations allow for greater flexibility than lined metal hose.
- **Abrasion Resistant and Durable** – steel construction resists damage from abrasive and damaging materials.
- **Corrosion Resistant (Stainless Only)** – 304 stainless version resists corrosion making it resistant to the elements.
- **Heat Resistant** – can withstand very high temperatures allowing for the transfer of hot materials.
- **Full Vacuum.**

Weight	Series Number	Material	Wall Thickness (in)	Max Service Temp	
				(°F)	(°C)
Extra Light Weight	HTG4100	Galvanized Steel	0.0110	+750	+399
	HTS4100	304 Stainless Steel	0.0110	+1,500	+816
Light Weight	HTG4150	Galvanized Steel	0.0150	+750	+399
	HTS4150	304 Stainless Steel	0.0150	+1,500	+816
Medium Weight	HTG4200	Galvanized Steel	0.0185	+750	+399
	HTS4200	304 Stainless Steel	0.0185	+1,500	+816

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

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# Rough Bore (unlined) Interlocked Metal Hose

HTS4000 Series HTG4000 Series

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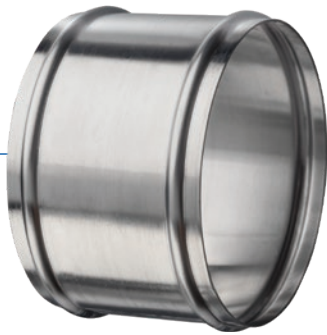


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HTS-HTG](http://KOA.link/HTS-HTG)



Hose Size ID (in)	HTG4100 HTS4100 Extra Light Weight		HTG4150 HTS4150 Light Weight		HTG4200 HTS4200 Medium Weight	
	Min. Inside Bend Radius (in)	Weight (lbs/ft)	Min. Inside Bend Radius (in)	Weight (lbs/ft)	Min. Inside Bend Radius (in)	Weight (lbs/ft)
1 3/8	4.25	0.45	5.00	0.60	—	—
1 1/2	4.75	0.50	5.50	0.70	6.00	1.00
1 5/8	5.00	0.54	5.75	0.75	6.50	1.05
1 3/4	5.25	0.58	6.00	0.80	7.00	1.10
1 7/8	5.50	0.62	6.25	0.85	7.50	1.20
2	6.00	0.70	6.50	0.90	8.00	1.30
2 1/4	6.75	0.75	7.25	1.10	8.50	1.45
2 1/2	7.50	0.80	8.00	1.20	9.00	1.60
2 3/4	8.75	0.90	8.25	1.30	10.00	1.80
3	10.00	1.00	10.50	1.40	11.00	2.00
3 1/4	10.50	1.10	11.25	1.50	12.00	2.10
3 1/2	11.00	1.20	12.00	1.60	12.50	2.30
4	12.50	1.40	13.50	1.80	14.50	2.60
4 1/2	14.00	1.50	15.00	2.00	16.00	2.90
5	15.00	1.70	16.00	2.30	17.00	3.00
5 1/4	16.00	1.80	17.25	2.40	18.00	3.15
5 1/2	17.50	1.90	18.50	2.50	19.50	3.30
6	20.00	2.00	21.00	2.70	22.00	3.60
6 1/4	20.50	2.10	21.50	2.80	23.00	3.75
6 1/2	21.00	2.20	22.00	2.95	23.50	3.90
7	22.00	2.40	23.00	3.20	25.00	4.20
7 1/4	23.00	2.50	23.75	3.30	26.00	4.30
7 1/2	24.00	2.60	24.50	3.40	26.50	4.40
8	25.00	2.70	26.00	3.60	28.00	4.70
9	—	—	28.25	4.05	30.50	5.30
9 1/2	—	—	29.50	4.25	31.50	5.60
10	—	—	30.50	4.50	32.50	5.90
11	—	—	33.00	5.00	35.50	6.50
11 1/4	—	—	33.75	5.10	36.00	6.60
11 1/2	—	—	34.50	5.20	37.00	6.75
12	—	—	36.00	5.40	38.00	7.00
14	—	—	50.00	6.30	53.00	8.10
16	—	—	—	—	60.50	9.20

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## DHM-AL / DHM-SS Series

Ducting Hose Mender for URE-CL, URE-BK, UREH-CL, UREH-BK, VID-CL, and TMOD Series Hoses

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[KOA.link/  
DHM](https://KOA.link/DHM)

Part Number	Material	Size (in)	Weight Each (lbs)
DHM-AL600	Aluminum	6	0.28
DHM-AL800		8	0.38
DHM-AL1000		10	0.49
DHM-AL1200		12	0.60
DHM-SS600	Stainless Steel	6	0.40
DHM-SS800		8	0.54
DHM-SS1000		10	0.68
DHM-SS1200		12	0.76

### ACCESSORIES COMPATIBILITY CHART

**1** Good      **—** Not Suggested

Hose Series Number	Coupling	
	DHM-AL Series	DHM-SS Series
CG	—	—
EDB/EDW	—	—
GT/GTG	—	—
GTF/GTFE	—	—
HTNP2	—	—
LK/LKC	—	—
SDH	—	—
TMOD	G	G
URE-BK	G	G
URE-CL	G	G
UREH-BK	G	G
UREH-CL	G	G
UV1/UVE	—	—
UVF	—	—
VID-CL	G	G

\* For SDH series, use of WGC series clamps is suggested.

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



## **WGC-CS Series (Stainless Steel & Plated Carbon Steel)**

### Standard Duty Worm Gear Clamp

#### GENERAL APPLICATIONS

- Automotive
- Industrial
- General purpose

#### CONSTRUCTION

Four-piece construction consisting of a 1/2" wide, 300 series stainless steel band; plated carbon steel hex screw with 5/16" head and two-piece, 300 series stainless steel housing.

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◀ SCAN OR VISIT  
[KOA.link/  
WGC-CS](https://KOA.link/WGC-CS)



## **WGC-SS Series (Stainless Steel)**

### Standard Duty Worm Gear Clamp

#### GENERAL APPLICATIONS

- Automotive
- Industrial
- General purpose

#### CONSTRUCTION

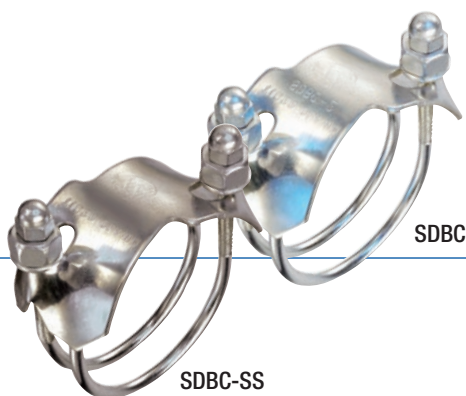
Four-piece construction consisting of a 1/2" wide, 300 series stainless steel band; stainless steel hex screw with 5/16" head and two-piece, 300 series stainless steel housing.

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◀ SCAN OR VISIT  
[KOA.link/  
WGC-SS](https://KOA.link/WGC-SS)

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**SDBC Series (Zinc Plated Carbon Steel)**  
Counterclockwise Spiral Double Bolt Clamp  
**SDBC-SS Series (304 Stainless Steel)**  
Counterclockwise Spiral Double Bolt Clamp

**FEATURES AND ADVANTAGES**

- Designed for use with hoses that have a convoluted cover or helix.
- Spiral design allows for premium sealing between the convolutions or helix.
- Hex nut for easy installation and cap nut to prevent injury from sharp bolt edges.
- SDBC and SDBC-SS series have a counterclockwise left hand spiral design.

**MATERIAL SPECIFICATIONS**

- SDBC – Carbon steel spiral rod, saddle, washer, hex nut, cap nut
- SDBC-SS – 304 stainless steel spiral rod, saddle, washer, hex nut, cap nut.

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



**SDBCR Series (Zinc Plated Carbon Steel)**  
Clockwise Spiral Double Bolt Clamp

**FEATURES AND ADVANTAGES**

- Designed for use with hoses that have a convoluted cover or helix.
- Spiral design allows for premium sealing between the convolutions.
- Hex nut for easy installation and cap nut to prevent injury from sharp bolt edges.
- SDBCR series has a clockwise right hand spiral design.

**MATERIAL SPECIFICATIONS**

- Carbon steel spiral rod, saddle, washer, hex nut, cap nut

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

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## CPCS Series *(Galvanized Carbon Steel)* Center Punch Clamp

### FEATURES AND ADVANTAGES

- Double wrapped for secure holding ability.
- A bolt free design provides for a professional low profile hose assembly.
- Compatible with most pneumatic or hand operated tools.
- Clamps are sold only by the box.

### MATERIAL SPECIFICATIONS

- Galvanized carbon steel.

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◀ SCAN OR VISIT  
[KOA.link/  
CPCS-SS](https://koya.com/links/CPCS-SS)



## CPSS Series *(201 Stainless Steel)* Center Punch Clamp

### FEATURES AND ADVANTAGES

- Double wrapped for secure holding ability.
- A bolt free design provides for a professional low profile hose assembly.
- Compatible with most pneumatic or hand operated tools.
- Clamps are sold only by the box.

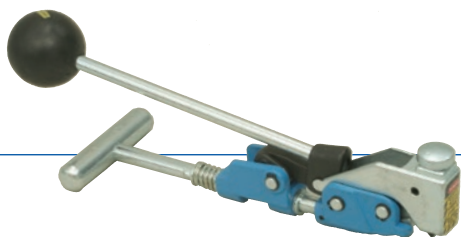
### MATERIAL SPECIFICATIONS

- 201 stainless steel offers superior strength combined with good corrosion resistance to mild chemicals.

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[KOA.link/  
CPSS-SS](https://koya.com/links/CPSS-SS)



## CPT Series Center Punch Clamp Tool

### FEATURES AND ADVANTAGES

- Designed to install and tighten center punch clamps around hoses.
- Racket action tensioning for ease of assembly.
- Durable heavy-duty carbon steel design.
- Portable for use in many different applications and locations.

### MATERIAL SPECIFICATIONS

- Meets ASTM A366 for cold rolled carbon steel.

Part Number	Weight Each (lbs)	Standard Carton
CPT300	3.00	1

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## COMPLIANCE FOOTNOTES FOR FLEXAIR™ 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.
- (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.
- (07) **UL** – The materials have been tested and conform to UL94 flame classification V-0.
- (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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**⚠ WARNING**

The Chemical Resistance Guides shown below is intended for general guidance only. The information contained therein is based upon tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. No warranty is expressed or implied, as specific application parameters, such as temperature, pressure and chemical concentrations vary widely. Furthermore, use of these hoses for handling multiple chemical products, either singly or as a mixture, may introduce uncontrollable factors relating to chemical resistance.

**Before using any hose, the user is responsible for determining the suitability of the hose for the intended application. Therefore, the user assumes all risk and responsibility for determining the suitability of any hose for handling any chemical or chemicals.**

### KEY TO CHEMICAL RESISTANT CHART

(all data based on 20°C (68°F) unless noted)

**1** Good Resistance    **2** Fair Resistance    **3** Poor Resistance     No Data

HOSE MATERIAL CONSTRUCTION

CHEMICAL OR MATERIAL CONVEYED	Neoprene	PP	PVC	Silicone	TPR	TPU (Ester)	TPU (Ether)
Acetic Acid (30%)	2	1	1	1	1	3	-
Acetone	2	1	3	-	1	2	3
Acetylene	2	-	1	1	-	1	-
Aniline (Aminobenzene)	3	1	2	-	1	3	-
Benzene	3	3	3	3	3	2	3
Boric Acid	3	1	1	1	1	3	1
Bromine	3	3	3	3	-	3	-
Butane	1	-	-	3	1	1	-
Calcium Chloride	-	1	1	1	1	2	1
Carbon Dioxide	1	-	-	1	1	-	1
Carbon Monoxide	1	-	1	1	1	1	1
Carbon Tetrachloride	3	3	3	3	-	2	3
Chlorine, Dry	2	3	2	-	3	3	-
Chlorine, Wet	3	3	3	-	3	3	-
Chloroform (Trichloromethane)	3	-	3	3	3	3	-
Chromic Acid (25%)	3	3	-	2	-	3	3
Citric Acid	1	1	1	1	1	3	1
Diethylene Glycol	1	-	1	1	-	-	-
Ethyl Alcohol (Ethanol)	1	1	1	1	1	-	2
Ethyl Chloride	2	-	3	3	3	3	-
Ethylene Glycol	1	1	1	1	1	1	1
Formaldehyde	-	2	3	-	-	-	-
Formic Acid (10%)	-	1	-	1	1	3	3
Glycerine	1	1	1	1	1	1	1
Heptane	3	-	2	3	3	1	-
Hexane	-	-	2	3	2	-	-
Hydrogen	1	-	1	-	1	1	-
Isobutyl Alcohol	1	-	1	1	-	-	1
Isooctane	-	-	1	-	-	1	-
Isopropyl Alcohol	-	-	1	-	-	-	1

HOSE MATERIAL CONSTRUCTION

CHEMICAL OR MATERIAL CONVEYED	Neoprene	PP	PVC	Silicone	TPR	TPU (Ester)	TPU (Ether)
Kerosene	-	-	3	3	3	1	1
Methyl Ethyl Ketone (MEK)	3	2	3	3	1	2	2
Methane	1	-	1	3	-	-	-
Methyl Alcohol	1	1	2	1	-	2	-
Methylene Chloride	3	2	3	3	3	3	-
Naptha	-	-	3	3	2	1	2
Napthalene	3	3	3	3	2	-	1
Natural Gas	1	-	-	1	-	1	-
Nitric Acid (10%)	1	2	1	1	1	3	-
Nitrogen	-	-	-	-	-	-	-
Nitrous Oxide	-	-	1	-	-	1	-
Oleic Acid	3	2	1	3	1	3	1
Oleum	3	-	3	-	3	3	-
Ozone	2	-	2	1	1	-	1
Paraffin	-	-	1	-	-	-	1
Perchloroethylene	3	3	3	2	3	-	-
Propane Gas	-	-	1	-	3	1	-
Salt/Sea Water	1	1	1	1	1	2	1
Sodium Hydroxide (10%)	1	1	2	-	1	2	-
Sodium Hydroxide (50%)	1	1	3	-	1	3	-
Sodium Hypochlorite (10%)	-	1	-	-	1	2	2
Sulfuric Acid (10%)	1	1	-	3	1	2	-
Sulfuric Acid (50%)	3	1	3	3	2	3	-
Tetrahydrofurane	3	3	3	-	1	3	-
Trichloroethylene	3	3	3	-	3	2	3
Turpentine	3	3	2	3	3	-	3
Urea	1	-	-	-	1	-	-
Vinegar	2	-	1	1	1	-	1
Xylene	3	3	3	3	3	-	3

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

# THE KURIYAMA NETWORK

**Kuriyama's North American Operations** comprise an integrated network of manufacturing and distribution facilities strategically located across the continent. This footprint supports a wide range of industrial and hydraulic hose and couplings products, and the capability to engineer custom solutions for demanding applications.

**The Kuriyama Distribution Network** serves the United States through five primary distribution centers totaling more than 700,000 square feet, including a state-of-the-art 329,000 square foot Central Distribution Center in Huntley, Illinois.

**Kuriyama Engineered Services** includes seven North American manufacturing and compounding facilities, producing thermoplastic industrial hose, hydraulic hose, high pressure spray hose, metal hose assemblies, NFPA 1961 fire hose and engineered tubing.



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## MANUFACTURING, COMPOUNDING & PRODUCTION

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### ACCUFLEX INDUSTRIAL MFG.

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### KURITEC MANUFACTURING, HOSE TEC & KURIYAMA FIRE MFG.

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☎ (800) 878-5501  
📠 (765) 762-5502 OR  
📠 (800) 879-8232

### PIRANHA HOSE PRODUCTS

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Cadillac, MI 49601  
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