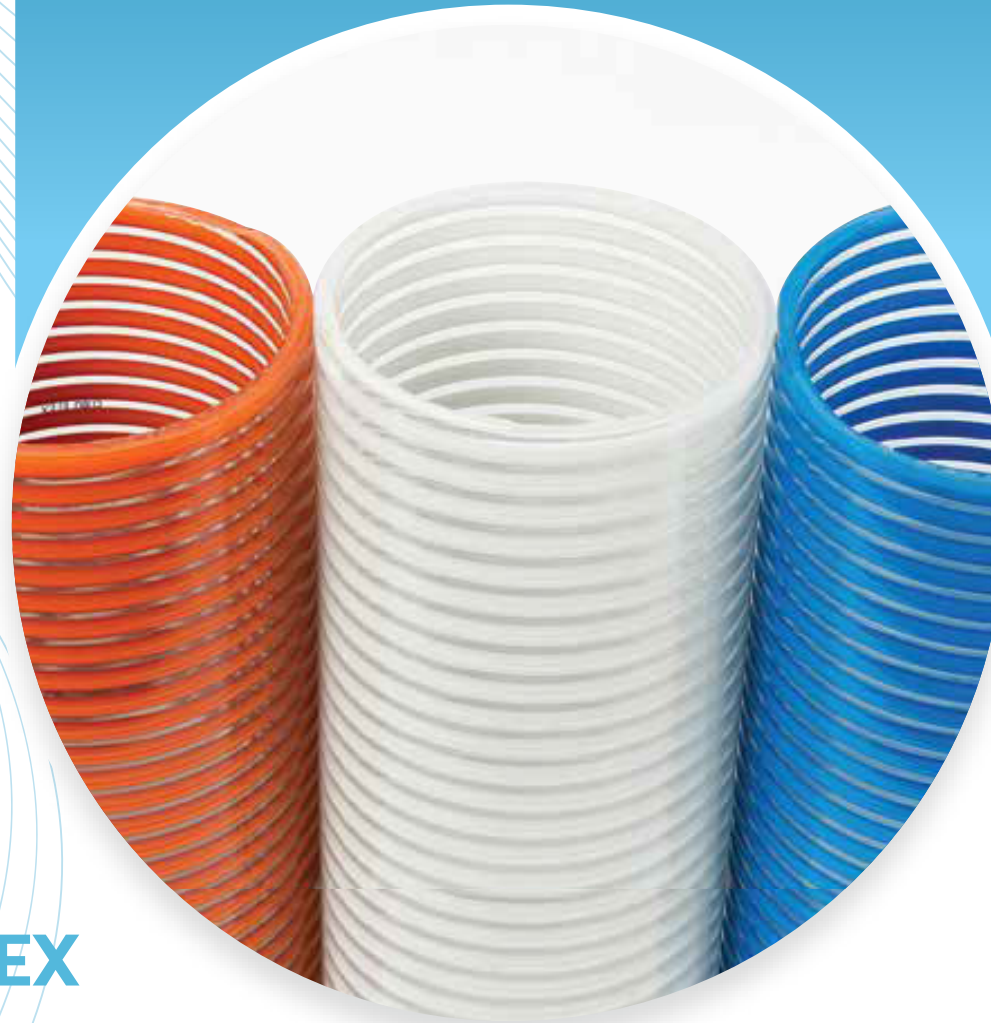




Korea Plasys Company Limited



MANUFACTURER OF INDUSTRIAL MINING AND AGRICULTURAL PVC HOSES



Greetings From Director

Korea industrial comprehensive plastic maker was founded on March 1, 1985 and incorporated a specialized hose and engineering plastic business on July 15, 1997. Koreaplasys Company Ltd., is a leader in Hose pipe manufacturing and your trusted partner in the world of industrial flexible hose manufacturing with a rich legacy of innovation, precision engineering and a commitment to quality.

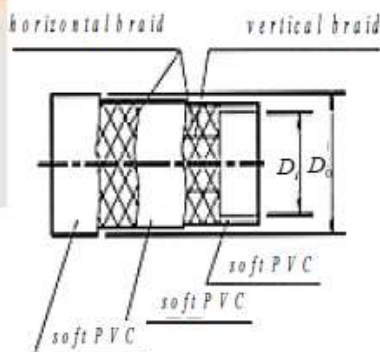
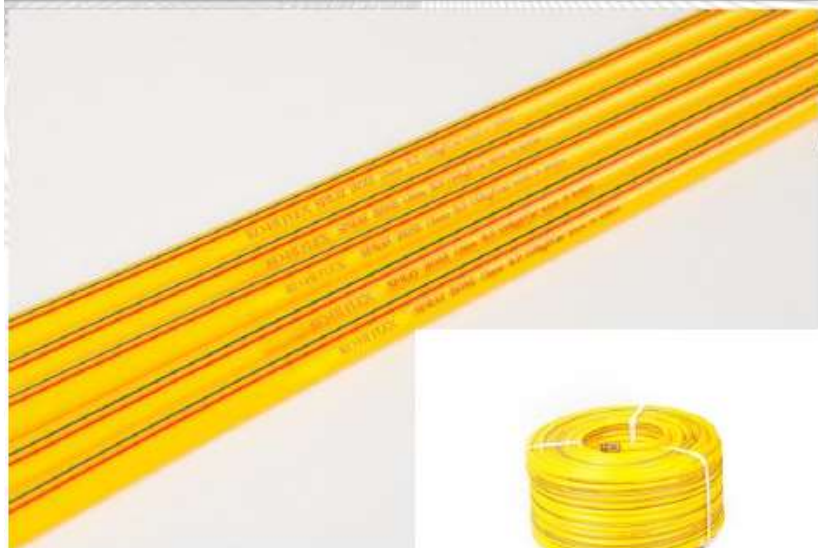
We have become a leading force in the Industry providing cutting edge solutions to meet the diverse needs of business across various sectors. Our extensive range of industrial flexible hoses is designed to deliver unparalleled performance, durability and safety. At Koreaplasys, we blend decades of experience with state-of-the art technology to create hoses that are not just reliable, but exceed industry standards. Join us on a journey to explore the world of Hose pipes where precision, performance and partnership intersects.

Koreaplasys was selected as a venture enterprise by Korea Intellectual Property Office, also has many industrial property rights through 20-years research and development. 2 International patents, 6 Korean patents, 19 Patents on a new device, 150 registrations for design and label and Quality licenses such as KS F 4732 & 5602, KS mark and ISO9001, ISO14001 and other special licenses are showing our efforts.

- Mr. Jung Woo Lee , Director



Spray Hose(KS-20)



Uses

- Agricultural chemicals sprayer
- High pressure discharge hose

Characteristics

- High pressure resistance
- Flexibility
- Superior UV, wear, chemical resistance

Spray Hose		Inner diameter	Outer diameter	Length (roll)	Pressure (at 20℃)
mm	inch	mm	mm	m	kg/cm ²
7.5	—	7.5	13.5	100-300	40
8.5	5/16"	8.5	14.5	100-300	50
10	3/8"	10.0	16	50-200	50
13	1/2"	13	20	50-200	40
16	5/8"	16	24	50-100	30
19	3/4"	19	28	50-100	30
25	1"	25	33	50-100	20

AIR HOSE



Uses

- High Pressure Air Supply
- Water Supply & Bilge Drain Lines
- Agricultural, Industrial, & Fishery Applications
- Liquid & Powder Transport Scenarios

Characteristics

- Flexible, Lightweight, & Durable.
- Food Grade Type Available
- can make customized order for color, Design, Thickness etc.
- Smooth Interior for Unrestricted Material Flow, Low Friction Loss, & Quiet Substance Transfer
- Non-Phthalate Based Food Grade Materials
- Service Temperature Range:
-40 F° ~ 140 °F

I.D(Inches)	O.D(mm)	Bending Radius (mm)	Working Pressure 72°F(Psi)	Burst Pressure 72° F(Psi)	Standard Length (m)
1/4	12.5	15	300	900	100
5/16	14.5	17	300	900	100
3/8	16.5	23	300	900	100
1/2	21	30	300	900	100
5/8	24.5	35	300	900	100
3/4	27.5	40	300	900	100
1	35	45	300	900	100
1 1/4	45	55	300	900	50
1 1/2	52	75	300	900	50
2	68	95	300	900	50

High Thickness Tube dairy Milk Hose



Uses

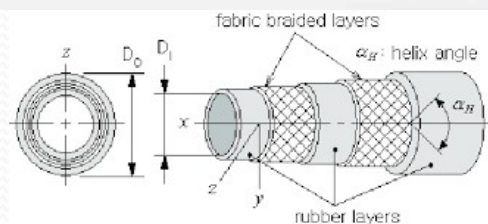
- Milk supply
- Drinking water supply
- Food Grade (non-toxic)

Characteristics

- Transparent
- Strong restoring force
- High UV, oil, chemical resistance
- Various sizes
- Meter marks
- Very Soft and High Flexibility.

Pressure Resistant Braided Hose		Inner Diameter	Outer Diameter	Length (roll)	Pressure (at 20 °C)
Mm	inch	mm	mm	m	kg/cm ²
6	1/4"	6	12	50-100	3
8	5/16"	8	14	50-100	3
9	-	9.5	16	50-100	3
13	1/2"	12.7	21	50-100	3
16	5/8"	16	25	50-100	3
19	3/4"	19	28	50-100	3
25	1"	25	35	50-100	3
32	1 1/4"	32	44	50-100	3

AIR HOSE[KA-DB]



Uses

- High Pressure Air Supply
- Water Supply & Bilge Drain Lines
- Agricultural, Industrial,& Fishery Applications

-Characteristics

- Flexible, Lightweight, & Durable.
- Food Grade Type Available
- can make customized order for color ,Design, Thickness etc.
- Smooth Interior for Unrestricted Material Flow, Low Friction Loss, & Quiet Substance Transfer
- Non-Phthalate Based ROHS Grade Materials
- 5Layers Double Braided Reinforcement.
- Flame retardant(UL94-Vo)
- Sevice Temperature Range:
- 40 F° ~ 140 °F

I.D(Inches)	O.D(mm)	Bending Radius (mm)	Working Pressure 72°F(Bar)	Burst Pressure 72° F(Bar)	Standard Weight (m/kgs)	Standard Length (m)
1/4	12.5	15	40	120	0.12	100
5/16	14.5	17	40	120	0.15	100
3/8	16.5	23	40	120	0.19	100
1/2	21	30	40	120	0.28	100
5/8	24.5	35	30	90	0.36	100
3/4	27.5	40	30	90	0.42	100
1	35	45	30	90	0.61	100
1 1/4	45	55	20	60	1.05	50
1 1/2	52	75	20	60	1.32	50
2	68	95	15	45	2.23	50

FOOD G.BRAIDED HOSE[FKB-01]



Uses

- Food & Beverage Applications
- Water Supply & Bilge Drain Lines
- Agricultural, Industrial, & Fishery Applications
- Liquid & Powder Transport Scenarios

-Characteristics

- Flexible, Lightweight, & Durable.
- Non-Food Grade Type Available
- can make customized order for color, Design, Thickness etc.
- Smooth Interior for Unrestricted Material Flow, Low Friction Loss, & Quiet Substance Transfer
- Non-Phthalate Based Food Grade Materials

-Compliances: FDA, RoHS

-Service Temperature Range:

-30 F° ~ 150 °F

I.D(Imm)	O.D(mm)	Reinforcement	Working Pressure 72°F(Bar)	Standard Length M
6	11	Single Braided Reinforcement	20	100
8	13.5	Single Braided Reinforcement	20	100
9	15	Single Braided Reinforcement	20	100
12	18	Single Braided Reinforcement	10.5	100
15	22	Single Braided Reinforcement	10.5	50,100
19	26	Single Braided Reinforcement	9	50,100
25	33	Single Braided Reinforcement	8	50,100
32	41	Single Braided Reinforcement	5	50
38	48	Single Braided Reinforcement	4	50
50	62	Single Braided Reinforcement	4	50

GARDEN HOSE



Uses

- Food & Beverage Applications
- Water Supply & Bilge Drain Lines
- Agricultural, Industrial, & Fishery Applications
- Liquid & Powder Transport Scenarios

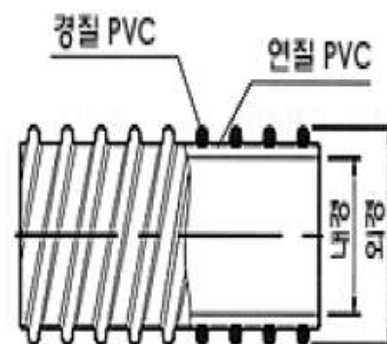
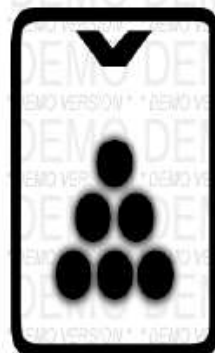
Characteristics

- Flexible, Lightweight, & Durable.
- Non-Food Grade Type Available
- can make customized order for color, Design, Thickness etc.
- Smooth Interior for Unrestricted Material Flow, Low Friction Loss, & Quiet Substance Transfer
- Non-Phthalate Based Food Grade Materials
- Service Temperature Range:
-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Reinforcement	Working Pressure 72°F(Psi)	Standard Length ft
¼	0.437	Single Braided	280	300
5/16	0.531	Single Braided	260	300
3/8	0.630	Single Braided	240	300
½	0.752	Single Braided	210	300
5/8	0.866	Single Braided	190	300
¾	1.024	Single Braided	160	300
1	1.299	Single Braided	140	300
1 1/4	1.614	Single Braided	100	100
1 1/2	1.890	Single Braided	70	100
2	2.441	Single Braided	70	100

Grit Hose

KO-HI-FLEX GRANULE



Uses

- Ship-building yard and ships.
- Suction and discharge of sand, gravel, cement, and iron ore.

Charateristics

- High abration resistance
- Hot and cold temperature resistance
- High durability
- Smooth tube

GRIT HOSE		I.D	O.D	Length	REMARK
		I.D	O.D	(m)	
(mm)	(inch)	(mm)	(mm)		
38	1 ½"	38.0±0.5	49.5±1.5	30	
50	2"	50.0±1.0	62.0±1.5	30	
65	2 ½"	63.5±1.0	75.5±1.5	30	
75	3"	75.0±1.0	90.0±1.5	30	
90	3 1/2"	90.0±1.0	108.5±2.0	30	
100	4"	101.6±1.0	120.0±2.0	30	
125	5"	128.0±1.0	149.0±2.0	20	
150	6"	152.5±1.5	176.5±2.0	20	
200	8"	203.0±1.5	229.2±2.0	20	

GRIT HOSE



Uses

- Heavy duty abrasion resistant suction hose for vacuum truck or handling abrasives such as crushed rock, sand, pea, gravel, cement powder, fertilizer, iron ore and grains.
- Shipyard and Ships.

Characteristics

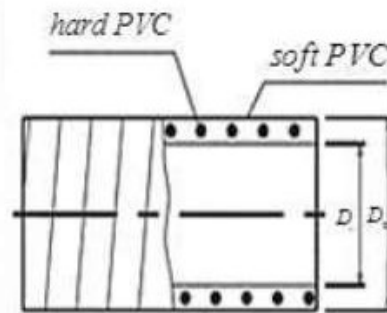
- provide good abrasion, chemical and UV resistance.
- Synthetic rubber with carbon black, rigid PVC helix, smooth bore, corrugated.

-Service Temperature Range:

-40 F° ~ 140 °F

I.D(Inches)	O.D(mm)	Minimum Bend Radius 72°F(mm)	Working Pressure 72°F(Bar)	Vacuum Rating 72°F(In Hg)	weight Kgs/m	Standard Length M
1 1/2	49.5 ± 1.5	150	3.5	29.8	0.8	30
2	62.0 ± 1.5	160	3.0	29.8	0.9	30
2 1/2	75.5 ± 1.5	180	3.0	29.8	1.33	30
3	90 ± 1.5	210	3.0	29.8	1.60	30
4	120.0 ± 2.0	270	3.0	29.8	2.76	30
5	149.0 ± 2.0	350	2.5	28.0	4.25	20
6	176.5 ± 2.0	420	2.0	28.0	5.1	20
8	229.2 ± 2.0	480	2.0	27.0	8.4	20

CONCRETE HOSE



Uses

- For use of laying concrete from concrete pump car,

Charateristics

- Excellent against abrasion, cold weather,
- Light and gentle, Long lasting,
- High efficiency,



CONCRETE HOSE		Inner Diameter	Outer Diameter	PITCH	Weight /m
mm	inch	mm	mm	mm	kg/m
108	4"	108.0±1.5	127.5	11.0±0.4	4.8
130	5"	130.0±1.5	152.5	11.0±0.4	6.1

PVC DUCT HOSE[D-150]



Uses

-Heavy duty PVC blower and ducting hose for collection of grass, leaves, dust, and fumes.

Characteristics

-very light, very flexible and good UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, corrugated out surface.

-Sevice Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	1.79	0.35	1.5	20	20.0	0.26	100
2	2.31	0.39	2.5	15	18.0	0.39	100
2 1/2	2.85	0.54	3.0	15	15.0	0.44	100
3	3.39	0.56	3.5	15	15.0	0.70	100
3 1/2	4.12	0.59	4.5	15	15.0	1.35	100
4	4.63	0.65	4.5	15	12.0	1.43	100
5	5.6	0.87	8.0	12	12.0	1.87	100
6	6.52	0.87	9.0	10	10.0	2.32	100
8	8.9	0.91	14.0	9	9.0	4.03	50
10	11.08	1.00	16.0	7	7.0	6.05	30,50
12	12.95	1.18	18.0	6	6.0	9.1	30,50

CHEMICAL SUCTION HOSE[KR-180]



Uses

-Heavy duty abrasion resistant suction hose for vacuum truck or handling abrasives such as crushed rock, sand, pea, gravel, cement powder, fertilizer, iron ore and grains.

Characteristics

-
- provide good abrasion, chemical and UV resistance.
Static dissipating with no grounding wire.
- Synthetic rubber with carbon black, rigid PVC helix, smooth bore, corrugated out surface with smooth skin.
- Service Temperature Range:
-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/4	1.6	0.33	2.0	45	29.8	0.31	100
1 1/2	1.9	0.35	2.0	45	29.8	0.37	100
2	2.4	0.39	2.5	40	29.8	0.50	100
2 1/2	3	0.56	2.5	35	29.8	0.88	100
3	3.5	0.59	3.0	35	29.8	1.10	100
3 1/2	4.11	0.64	4.0	30	29.8	1.35	100
4	4.63	0.65	4.5	30	29.8	1.77	50,100
5	5.76	0.87	5.0	30	28.0	2.47	50,100
6	6.8	0.87	9.2	30	28.0	3.08	50,100
8	9.04	0.91	15.0	30	27.0	5.65	50
10	11.18	1.00	30.0	28	25.0	8.88	20
12	13.31	1.18	40.0	25	25.0	10.43	20

CHEMICAL SUCTION HOSE[KR-180ST]



Uses

-Heavy duty abrasion resistant suction hose for vacuum truck or handling abrasives such as crushed rock , sand, pea, gravel, cement powder, fertilizer, iron ore and grains.

Characteristics

-
-Provide good abrasion, chemical and UV resistance.
-Synthetic rubber with carbon black, rigid PVC helix, smooth bore ,corrugated out surface with smooth skin.
-Static copper wire embedded , Static dissipative tube.

-Sevice Temperature Range:
-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	1.9	0.35	2.0	45	29.8	0.37	100
2	2.4	0.39	2.5	40	29.8	0.50	100
2 1/2	3	0.56	2.5	35	29.8	0.88	100
3	3.5	0.59	3.0	35	29.8	1.10	100
3 1/2	4.11	0.64	4.0	30	29.8	1.35	100
4	4.63	0.65	4.5	30	29.8	1.77	50,100
5	5.76	0.87	5.0	30	28.0	2.47	50,100
6	6.8	0.87	9.2	30	28.0	3.08	50,100
8	9.04	0.91	15.0	30	27.0	5.65	50

CHEMICAL SUCTION HOSE[KR-180U]



Uses

-Heavy duty abrasion resistant suction hose for vacuum truck or handling abrasives such as crushed rock , sand, pea, gravel, cement powder, fertilizer, iron ore and grains.

Characteristics

-
-provide good abrasion, chemical and UV resistance.
Static dissipating with no grounding wire.

-Heavy-duty wet & dry material handling hose with static dissipative polyurethane liner , Rigid P.V.C helix, smooth bore ,corrugated out surface with smooth skin.

-Sevice Temperature Range:
-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	1.85	0.35	2.0	50	29.8	0.42	100
2	2.40	0.39	2.5	40	29.8	0.59	100
2 1/2	3.09	0.53	4.5	40	29.8	0.82	100
3	3.64	0.59	5.5	40	29.8	1.18	100
4	4.76	0.65	6.5	35	28.0	1.94	50,100
5	5.75	0.83	11.0	35	28.0	2.45	50,100
6	6.8	0.83	11.0	30	28.0	3.8	50,100
8	9.16	0.91	16..0	30	27.0	5.8	50

CHEMICAL SUCTION HOSE[KR-185U]



Uses

-Heavy duty abrasion resistant suction hose for vacuum Cleaning line or handling abrasives such as crushed rock , sand, pea, gravel, cement powder, fertilizer, iron ore and grains.

Characteristics

- provide good abrasion, chemical and UV resistance.
Static dissipating with no grounding wire.

-Heavy-duty wet & dry material handling hose with static dissipative polyurethane liner , Rigid P.V.C helix, smooth bore ,corrugated out surface with smooth skin.

-Sevice Temperature Range:
-40 F° ~ 150 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	1.88	0.35	2.0	50	29.8	0.46	100
2	2.44	0.39	2.5	40	29.8	0.65	100
2 1/2	3.12	0.53	4.5	40	29.8	0.89	100
3	3.7	0.59	5.5	40	29.8	1.23	100
4	4.8	0.65	6.5	35	28.0	2.02	50,100
5	5.81	0.83	11.0	35	28.0	2.5	50,100
6	6.87	0.83	11.0	30	28.0	3.84	50,100
8	9.18	0.91	16..0	30	27.0	6.52	50

HK CHEM[KR-300]



Uses

-Heavy duty liquid suction and discharge hose for use in construction dewatering, liquid waste, cesspool cleaning, septic handling, agricultural applications and marine use.

Characteristics

-provide good abrasion, very good chemical and UV resistance.

-Synthetic rubber wall, rigid Exposed polymer helix, smooth bore ,exposed helix-easy to drag.

-Service Temperature Range:

-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.34	0.30	1.9	50	29.8	0.23	100
1 1/4	1.70	0.33	3.2	50	29.8	0.34	100
1 1/2	2.00	0.35	3.2	50	29.8	0.40	100
2	2.50	0.39	5.2	50	29.8	0.67	100
2 1/2	3.10	0.56	5.6	50	29.8	0.92	100
3	3.60	0.59	7.1	43	29.8	1.10	100
4	4.70	0.65	11.0	38	29.8	1.84	100
6	6.90	0.87	20.0	23	28.0	3.07	60,100

Petroleum Tank Drop Hose[HK-120ST&HK-150ST]



Uses

- *Gasoline Tank Drop use.
- *Oil, Fuel , Grease transfer.
- *Oil slurry, Hydrocarbon, Animal fats handling.

-Characteristics

- Special Fuel Resistance Rubber Compound.
- Resistant to Oil, Gasoline, Petroleum ,Aromatics ,Naphtha.
- Anti-Static Copper Wire embedded for safety ohm requirements.
- Heavy duty, very good flexibility.
- *Economical .

-Sevice Temperature Range:

-30 F° ~ 140 °F

HK-120ST

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
2	2.67	0.43	4.5	70	29.8	1.12	60,100
3	3.68	0.59	6.3	65	29.8	1.38	60,100
4	4.80	0.65	7.4	65	29.8	2.18	60,100

HK-150ST

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
2	2.8	0.40	4.8	150	29.8	1.29	60,100
3	3.9	0.57	6.5	150	29.8	1.56	60,100
4	5.0	0.63	7.6	150	29.8	2.62	60,100

Petroleum Tank Drop Hose[TK-120ST]



Uses

- *Gasoline Tank Drop use.
- *Oil, Fuel , Grease transfer.
- *Oil slurry, Hydrocarbon, Animal fats handling.

-Characteristics

- Special Fuel Resistance Rubber Compound.
- Resistant to Oil, Gasoline, Petroleum ,Aromatics ,Naphtha.
- Anti-Static Copper Wire embedded for safety ohm requirements.
- Heavy duty, very good flexibility.
- Lightweight and flexible. rubber static dissipating tube and static grounding wire provide maximum static resistance when connected to a grounded system. Construction makes it up to 50% lighter than the average rubber drop hose. External helix provides for easy drag

-Sevice Temperature Range:

-30 F° ~ 140 °F

TK-120ST

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
3	3.70	0.59	6.3	70	29.8	1.38	60,100
4	4.80	0.65	7.4	70	29.8	2.18	60,100
6	7.20	0.93	10.5	70	29.8	4.65	60,100

Braided Suction Hose [X-LINE KL]



Uses

-Water suction and discharge hose for heavy duty applications requiring combined vacuum and higher working pressures

Characteristics

-Heavy Duty water suction and discharge for use in fish suction and rental / construction pumping

-provide good abrasion, chemical and UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, synthetic braiding, corrugated out surface

-Light weight and flexible ,External helix provides for easy drag, Rated for both suction and discharge.

-Sevice Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	2.10	0.37	2.5	110	28.0	0.47	60,100
2	2.60	0.43	4.0	100	28.0	0.70	60,100
3	3.70	0.59	6.3	100	28.0	1.13	60,100
4	4.80	0.65	7.1	75	28.0	1.74	60,100
5	6.10	0.87	9.2	70	28.0	2.90	60,100
6	7.20	0.93	10.2	70	28.0	3.88	60,100
8	9.50	1.07	15.7	60	28.0	5.54	15,20,25,40

Braided Suction Hose [X-LINE F]



Uses

-Food Handling Heavy duty Suction and Discharge

Characteristics

-Complies with FDA,USDA,3A sanitary standard requirements.

-Strong to high pressure.

-Visible material flow.

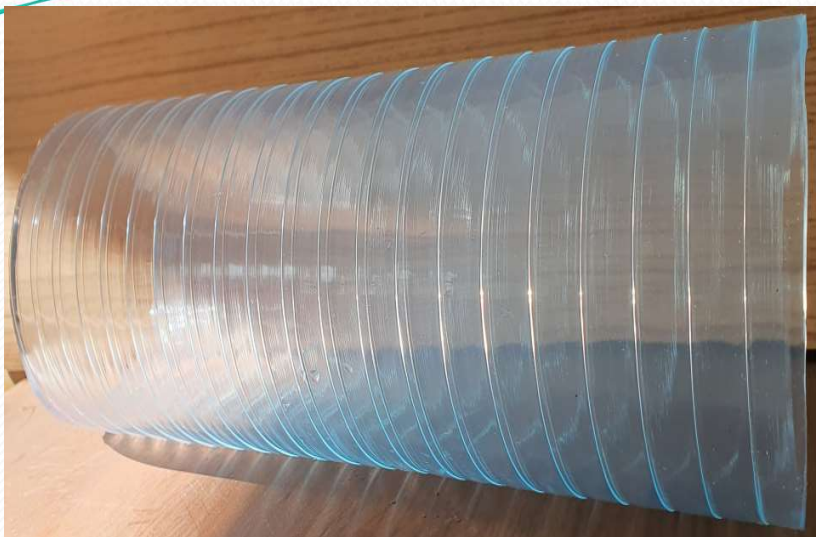
--Light weight and very flexible ,External helix provides for easy drag,
Rated for both suction and discharge.

-Sevice Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
2	2.60	0.43	4.0	100	28.0	0.70	60,100
3	3.70	0.59	6.3	100	28.0	1.13	60,100
4	4.80	0.65	7.1	75	28.0	1.74	60,100
5	6.10	0.87	9.2	70	28.0	2.90	60,100
6	7.20	0.93	10.2	70	28.0	3.88	60,100
8	9.50	1.07	15.7	60	28.0	5.54	15,20,25,40

HEAVY DUTY FOOD GRADE SUCTION HOSE[KH-FG]



Uses

-Heavy Duty Food Grade Suction & Discharge for bottling Dairy industries

Characteristics

-Heavy Duty food delivery hose.

-Flexible non toxic/non phthalate PVC ,rigid non toxic PVC helix, smooth bore, smooth out surface

-Sevice Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
3/4	0.96	0.22	1.9	86	29.8	0.16	100
1	1.25	0.22	1.9	86	29.8	0.26	100
1 1/4	1.54	0.26	2.7	79	29.8	0.37	100
1 1/2	1.82	0.30	2.8	72	29.8	0.44	100
2	2.39	0.33	3.9	72	29.8	0.74	100
2 1/2	2.93	0.37	5.0	72	29.8	1.01	100
3	3.43	0.37	7.0	62	29.8	1.21	100
4	4.53	0.43	9.1	55	29.8	2.01	100

FOOD GRADE Corrugated SUCTION HOSE[KL-MK]



Uses

-Heavy Duty Food Grade Suction & Discharge for Dairy industries

Characteristics

-more flexible, Medium Duty Milk Delivery hose Designed for milk hauling(tank truck) and pick up

-Flexible non toxic/non phthalate PVC ,rigid non toxic PVC helix, smooth bore, smooth out surface

-Service Temperature Range:
-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.22	2.0	50	29.8	0.15	100
1 1/4	1.48	2.5	43	29.8	0.18	100
1 1/2	1.82	2.5	43	29.8	0.28	100
2	2.35	3.0	38	29.8	0.44	100
2 1/2	2.87	5.0	38	29.8	0.60	100
3	3.5	6.0	36	29.8	0.85	100
4	4.63	9.0	36	29.8	1.34	100
5	5.63	10.0	28	28.0	2.20	100
6	6.73	11.0	28	28.0	2.72	50,100
8	9.04	16.0	28	28.0	4.84	25

HEAVY DUTY FOOD GRADE SUCTION HOSE[KH-MK]



Uses

-Heavy Duty Food Grade Suction & Discharge for Dairy industries

Characteristics

-more flexible, Heavy Duty Milk Delivery hose Designed for milk hauling(tank truck) and pick up

-Flexible non toxic/non phthalate PVC ,rigid non toxic PVC helix, smooth bore, smooth out surface

-Service Temperature Range:
-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/2	1.82	0.30	2.0	66	29.8	0.44	100
2	2.39	0.33	2.5	66	29.8	0.74	100
2 1/2	2.93	0.37	4.7	66	29.8	1.01	100
3	3.43	0.37	6.1	62	29.8	1.21	100

HEAVY DUTY SUCTION HOSE[KH-116CL]



Uses

-Heavy Duty Water Suction & Discharge

Characteristics

-Heavy Duty water suction and discharge hose.

-provide good abrasion, chemical and UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, smooth out surface

-Sevice Temperature Range:

-22 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.22	1.5	70	29.8	0.25	100
1 1/4	1.50	0.26	2.0	70	29.8	0.30	100
1 1/2	1.78	0.30	2.5	56	29.8	0.38	100
2	2.33	0.33	3.0	50	29.8	0.64	100
2 1/2	2.90	0.37	4.5	50	29.8	0.90	100
3	3.38	0.37	6.0	50	29.8	1.10	100
4	4.46	0.43	10.0	42	29.8	1.85	100
5	5.55	0.45	12.5	28	28.0	2.47	100
6	6.67	0.53	13.0	28	28.0	3.37	50,100
8	8.83	0.70	20.0	21	28.0	5.80	25

HEAVY DUTY SUCTION HOSE[KH-116BLUE]



Uses

-Heavy Duty Water Suction & Discharge with increased flexibility.

Characteristics

-Heavy Duty Cold water suction and discharge hose.

-provide good abrasion, chemical and UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, smooth out surface

-Service Temperature Range:

-40 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.22	1.5	70	29.8	0.25	100
1 1/2	1.78	0.30	2.5	56	29.8	0.38	100
2	2.33	0.33	3.0	50	29.8	0.64	100
3	3.38	0.37	6.0	50	29.8	1.10	100
4	4.46	0.43	10.0	42	29.8	1.85	100
6	6.67	0.53	13.0	28	28.0	3.37	50,100
8	8.83	0.70	20.0	21	28.0	5.80	25

HEAVY DUTY SUCTION HOSE[KH-110GR/110CL]



Uses

-Heavy Duty Water Suction & Discharge

Characteristics

-Heavy Duty water suction and discharge hose.

-provide good abrasion, chemical and UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, smooth out surface

-Service Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
3/4	0.95	0.22	1.9	86	29.8	0.16	100
1	1.25	0.22	1.9	86	29.8	0.26	100
1 1/4	1.52	0.26	2.7	79	29.8	0.37	100
1 1/2	1.81	0.30	2.8	72	29.8	0.44	100
2	2.38	0.33	3.9	72	29.8	0.74	100
2 1/2	2.92	0.37	5.0	72	29.8	1.01	100
3	3.41	0.37	7.0	62	29.8	1.21	100
4	4.50	0.43	9.1	55	29.8	2.01	100
5	5.55	0.45	14.0	33	28.0	2.45	100
6	6.67	0.53	15.0	33	28.0	3.37	50,100
8	8.83	0.70	20.0	28	28.0	5.80	25

HEAVY DUTY SUCTION HOSE[KH-113GR/113CL]



Uses

-Heavy Duty Water Suction & Discharge

Characteristics

-Heavy Duty water suction and discharge hose.

-provide good abrasion, chemical and UV resistance.

-Flexible PVC ,rigid PVC helix, smooth bore, smooth out surface

-Sevice Temperature Range:

-13 F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1 1/4	1.47	0.26	3.0	80	29.8	0.29	100
1 1/2	1.77	0.30	4.0	70	29.8	0.39	100
2	2.30	0.33	5.0	65	29.8	0.63	100
2 1/2	2.84	0.37	6.0	65	29.8	0.87	100
3	3.35	0.37	8.0	55	29.8	1.05	100
4	4.45	0.43	10.0	50	29.8	1.80	100

GENERAL DUTY SUCTION HOSE[KL-BLUE]



Uses

-Low Temp General Water Suction & Discharge

Characteristics

- General Duty low temperature water suction and discharge hose with increased flexibility.
- Cold weather PVC,rigid PVC helix, smooth bore, corrugated out surface
- provide good abrasion, chemical and UV resistance.
- Lightweight with increased flexibility even at sub -zero temperatures. Clear sidewall permits visual check of material flow.
- External helix provides for easy drag.

Sevice Temperature Range:

-40F° ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.3	1.5	40	29.8	0.18	100
1 1/2	1.81	0.35	2.0	35	29.8	0.35	100
2	2.36	0.39	2.5	27	29.8	0.5	100
3	3.5	0.59	5.0	25	29.8	1.00	100
4	4.63	0.65	6.5	20	28.0	1.52	100
6	6.85	0.85	11.0	20	28.0	3.1	50,100
8	9.04	0.91	16.0	20	28.0	5.38	25

GENERAL DUTY SUCTION HOSE[KL-C]



Uses

-General Water Suction & discharge

Characteristics

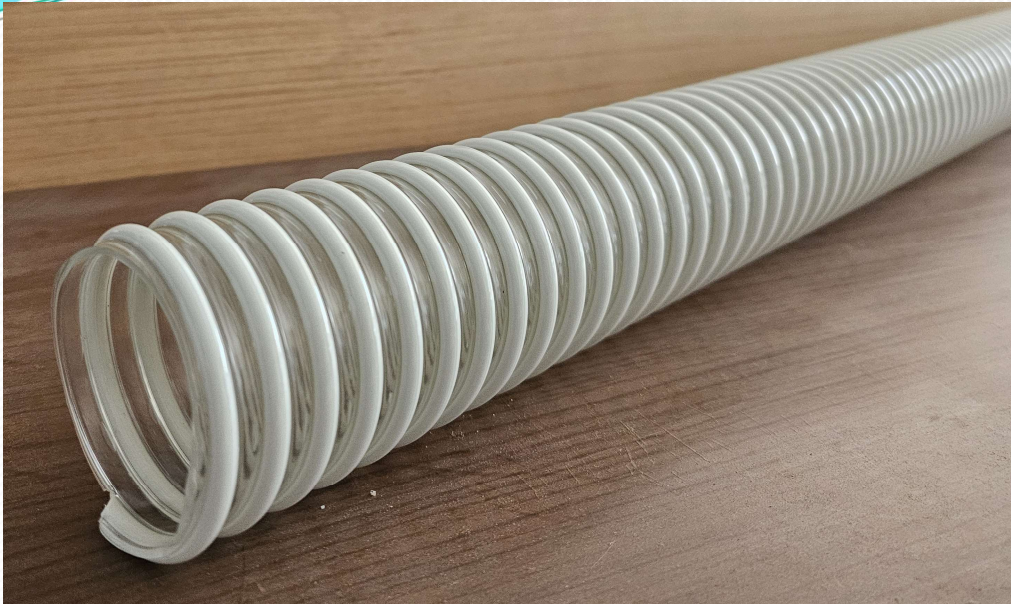
- Long
- Excellent mobility
- Good pressure resistance
- provide good abrasion, chemical and UV resistance.

Service Temperature Range:

-20F ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.3	1.5	50	29.8	0.18	100
1 1/4	1.52	0.33	2.0	45	29.8	0.22	100
1 1/2	1.81	0.35	2.5	45	29.8	0.35	100
2	2.36	0.39	3.0	40	29.8	0.50	100
2 1/2	2.87	0.56	4.5	35	29.8	0.68	100
3	3.5	0.59	6.0	35	29.8	1.00	100
4	4.63	0.65	8.0	30	29.8	1.52	100
6	6.85	0.87	11.0	30	28.0	3.10	50,100
8	9.04	0.91	16.0	30	28.0	5.38	25
10	11.26	1.02	30.0	30	28.0	8.88	20

GENERAL DUTY SUCTION HOSE[KL-HD.0]



Uses

- General Water Suction & discharge
- Riquids suction and delivery act low temp.
- Irrigation and Mining
- Handling Abrasive Riquids, oil suction and delivery.

Characteristics

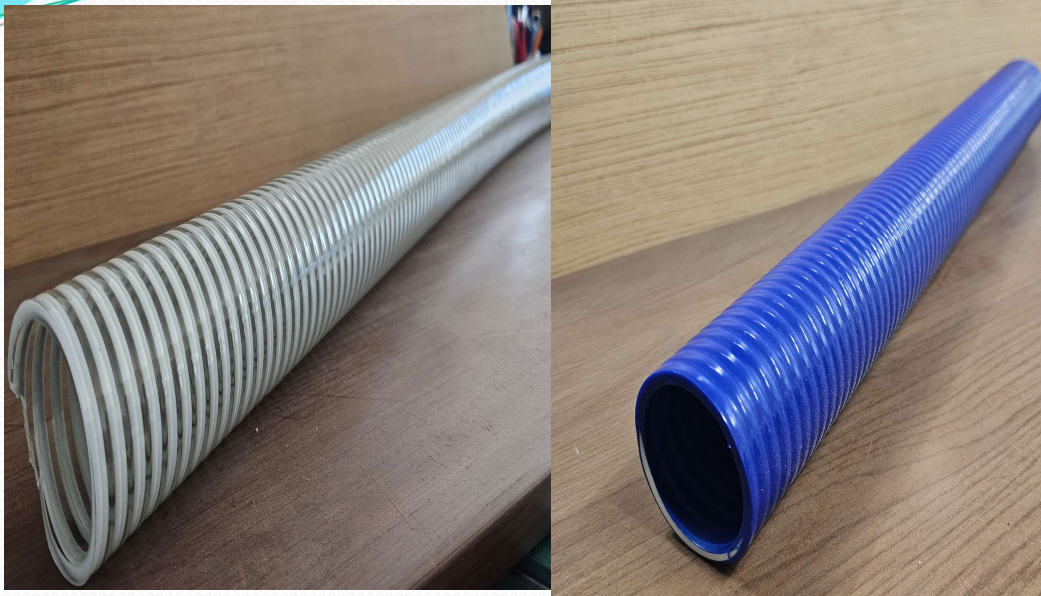
- Special HDO Compound.
- Flexible in Cold Temperature.
- More Abrasion Resistance than Normal PVC Hoses.
- chemical and UV resistance.

Sevice Temperature Range:

-20F ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.3	1.5	50	29.8	0.18	100
1 1/4	1.52	0.33	2.0	45	29.8	0.22	100
1 1/2	1.81	0.35	2.5	45	29.8	0.35	100
2	2.36	0.39	3.0	40	29.8	0.50	100
2 1/2	2.87	0.56	4.5	35	29.8	0.68	100
3	3.5	0.59	6.0	35	29.8	1.00	100
4	4.63	0.65	8.0	30	29.8	1.52	100
6	6.85	0.87	11.0	30	28.0	3.10	50,100
8	9.04	0.91	16.0	30	28.0	5.38	25
10	11.26	1.02	30.0	30	28.0	8.88	20

HEAVY DUTY SUCTION HOSE[KH-HD.0]



Uses

- General Water Suction & discharge
- Riquids suction and delivery act low tem.
- Irrigation and Mining
- Handling Abrasive Riquids ,oil suction and delivery.

Characteristics

- Special HDO Compound.
- Flexible in Cold Temperature.
- More Abrasion Resistance than Normal PVC Hoses.
- chemical and UV resistance.

Sevice Temperature Range:

-20F ~ 140 °F

I.D(Inches)	O.D(Inches)	Pitch(Inches)	Minimum Bend Radius 72°F(Inches)	Working Pressure 72°F(Psi)	Vacuum Rating 72°F(In Hg)	weight Lbs/ft	Standard Length ft
1	1.25	0.22	1.5	70	29.8	0.25	100
1 1/4	1.50	0.26	2.0	70	29.8	0.30	100
1 1/2	1.78	0.30	2.5	56	29.8	0.38	100
2	2.33	0.33	3.0	50	29.8	0.64	100
2 1/2	2.90	0.37	4.5	50	29.8	0.90	100
3	3.38	0.37	6.0	50	29.8	1.10	100
4	4.46	0.43	10.0	42	29.8	1.85	100
5	5.55	0.45	12.5	28	28.0	2.47	100
6	6.67	0.53	13.0	28	28.0	3.37	50,100
8	8.83	0.70	20.0	21	28.0	5.80	25

Lay Flat Discharge Hoses (KH-10)



Uses

- Drip irrigation
- High pressure water supply
- Sprinkler
- Public works

Characteristics

- Long
- Excellent mobility
- Good pressure resistance
- provide good abrasion, chemical and UV resistance.

Service Temperature Range:

-20F°~ 170 °F

Lay Flat Discharge Hose (KH-U20)		Inner Diameter		Thickness		Length (roll)		W.P(at 20°C)	B.P(at 20°C)
mm	inch	mm	inch	mm	inch	FT		Psi	Psi
25	1"	26	0.051	300		85	255		
32	1 1/4"	33.5	0.045	300		65	195		
40	1 1/2"	40	0.048	300		65	195		
50	2"	52	0.048	300		65	195		
75	3"	77	0.055	300		60	180		
100	4"	104	0.056	300		60	180		
150	6"	156	0.061	300		40	120		
200	8"	207	0.073	300		40	120		

Lay Flat Discharge Hoses (KH-U20)



Uses

- Drip irrigation
- High pressure water supply
- Sprinkler
- Public works

Characteristics

- Long
- Excellent mobility
- Good pressure resistance
- provide good abrasion, chemical and UV resistance.

Service Temperature Range:

-20F ~ 170 °F

Lay Flat Discharge Hose (KH-U20)		Inner Diameter		Thickness		Length (roll)		W.P(at 20°C)	B.P(at 20°C)
mm	inch	mm	inch	mm	inch	FT		Psi	Psi
25	1"	26	0.067	300		115		345	
32	1 1/4"	33.5	0.067	300		90		270	
40	1 1/2"	40	0.067	300		80		240	
50	2"	52	0.067	300		80		240	
65	2 1/2 "	65	0.079	300		80		240	
75	3"	77	0.079	300		70		210	
100	4"	104	0.083	300		70		210	
125	5"	128	0.087	300		50		150	
150	6"	156	0.087	300		50		150	
200	8"	207	0.106	300		45		135	
250	10"	256	0.118	300		35		105	
300	12"	307	0.118	300		30		90	

Lay Flat Discharge Hoses (KH-DR)



Uses

- Drip irrigation
- High pressure water supply
- Sprinkler
- Public works

Characteristics

- Provide low friction loss
- Excellent mobility
- Good pressure resistance
- provide good abrasion, chemical and UV resistance.

Sevice Temperature Range:

-20F° ~ 170 °F

Lay Flat Discharge Hose (KDR-10)		Inner Diameter		Thickness	Length (roll)	W.P(at 20°C)	B.P(at 20°C)
mm	inch	mm	inch	inch	FT	Psi	Psi
40	1 1/2"	40	0.067	0.067	300	80	240
50	2"	52	0.067	0.067	300	80	240
75	3"	77	0.079	0.079	300	70	210
100	4"	104	0.083	0.083	300	70	210
150	6"	156	0.087	0.087	300	50	150
200	8"	207	0.106	0.106	300	45	135

Lay Flat Discharge Hoses (KH-40FR)



Uses

- Mining
- Irrigation
- Construction
- Industrial
- Quarry

Characteristics

- provide good abrasion, chemical and UV resistance
- Excellent mobility
- High pressure resistance

Service Temperature Range:

-20F° ~ 170 °F

Lay Flat Discharge Hose (KH-U20)		Inner Diameter		Thickness	Length (roll)	W.P(at 20°C)	B.P(at 20°C)
mm	inch	mm	inch	inch	FT	Psi	Psi
40	1 1/2"	40		0.087	300	150	450
50	2"	52		0.091	300	150	450
65	2 1/2 "	65		0.095	300	150	450
75	3"	77		0.098	300	150	450
100	4"	104		0.110	300	130	390
150	6"	156		0.118	300	115	345
200	8"	207		0.122	300	70	210

Lay Flat Discharge Hoses (KH-50)

Uses

- Mining
- Irrigation
- Construction
- Industrial
- Quarry

Characteristics

- provide good abrasion, chemical and UV resistance
- Excellent mobility
- High pressure resistance

Service Temperature Range:

-20F° ~ 170 °F



Lay Flat Discharge Hose (KH-U20)		Inner Diameter		Thickness	Length (roll)	Max W.P(at 20°C)	Weight
mm	inch	mm	Mm		FT	Psi	Kg/m
40	1 1/2"	40	3.5		300	200	0.48
50	2"	52	4.5		300	200	0.63
65	2 1/2 "	65	4.5		300	200	0.98
75	3"	77	5.0		300	200	1.13
100	4"	104	5.0		300	150	1.49
150	6"	156	5.8		300	150	2.51

EPDM LAYFLAT HOSE



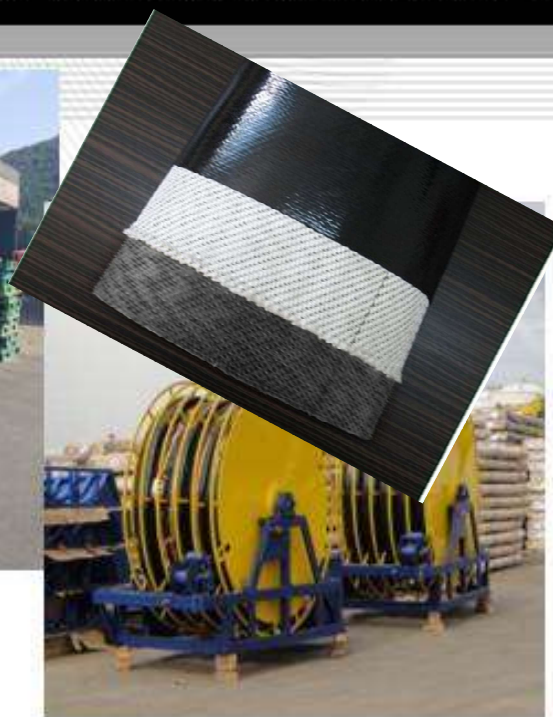
Features:

It is the premium quality layflat hose for agriculture, mining, oil field which is made from EPDM as cover and tube.

- Excellent resistance to weather, UV and Ozone.
- Superior abrasion resistance, suitable for all ground conditions.
- Minimum pressure loss, very low elongation.
- Supreme adhesion resistance.
- Color: Black, other colors on request.
- Temperature Range: $-40^{\circ}\text{C} \sim 70^{\circ}\text{C}$

SIZE	W.P(BAR)	B.P(BAR)	WEIGHT(M/KGS)	THICKNESS(MM)	TENSILE STRENGTH(KG)
1 1/2"	14	42	0.27	1.8	4,100
2"	14	42	0.37	1.8	5,200
2 1/2"	14	42	0.46	2.0	6,600
3"	14	42	0.6	2.2	7,700
4"	10	30	0.8	2.5	9,600
5"	10	30	1.05	2.6	10,800
6"	10	30	1.25	2.8	14,000
8"	10	30	2.85	3.4	16,500

KOBRA FRACKING FLAT



Features:

This hose is made from thermoplastic polyether based polyurethane(TPU) by high pressure around a circular woven jacket made from high tenacity filament polyester yarn.

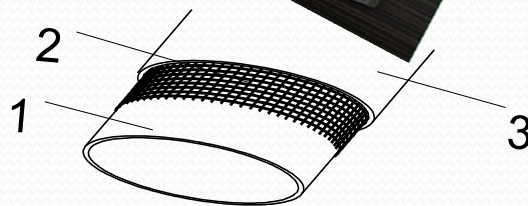
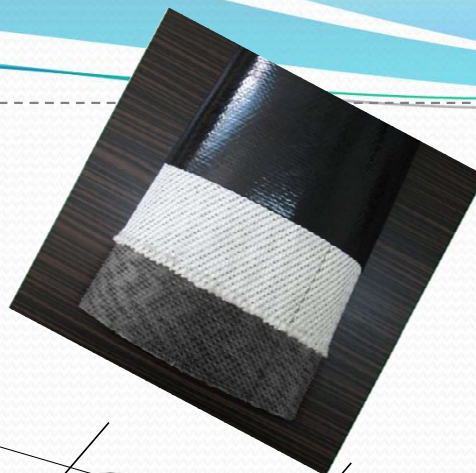
*extreme abrasion resistance capability make the hose adapt to more working conditions.

*color:black, other colors on request.

*Temperature Range:-40°C~70°C

SIZE	W.P(BAR)	B.P(BAR)	Wall Thickness(MM)	Weight(kg/m)	Tensile Strength(Kg)	Length(M)
4"	20	60	4.0	1.6	34,100	50~200
6"	18	54	4.0	2.8	35,000	50~200
8"	14	42	4.2	3.23	39,000	50~200
10"	14	42	4.6	4.59	43,300	50~200
12"	10.5	31.5	4.2	5.1	59,600	50~200
12"	14	42	5.8	6.4	67,700	50~200

LS KOBRA FLAT



1- Inner PU layer; 2- Enhancement layer;
3- External PU layer;

-This hose is made of different materials for inner and outer layers by Extruded Thru Weave Processing.
-Excellent mobility
-Good pressure resistance
-According to API RP15S-2006 ,This hose has very good performance compared with steel pipe
Sevice Temperature Range:
-40°F ~ 248 °F

Diameter		Wall Thickness	Weight	Tensile Strength	W.P(at 20°C)	B.P(at 20°C)
Mm	inch	mm	Kgs/m	Kg	BAR	BAR
254 ±4.0	10"	4.5	4.0	41,000	7	21
305 ±5.0	12"	4.5	4.6	54,000	7	21
406 ±5.0	16 "	5.0	6.2	80,000	7	21
508 ±5.0	20"	5.0	7.0	138,000	7	21

Certificate of Approval

No. 022-80054-E

KOREA PLASTICS CORPORATION CO., LTD.

#200, Goyang-ro 115beon-gil, Wolgot-myeon, Gimpo-si, Gyeonggi-do, Korea

Korea Global Certification Institute hereby certifies that the Management System of the above organization has been assessed and found to meet the requirements of the standard and scope of certification detailed below:

KS I ISO 14001:2015 / ISO 14001:2015
Environmental Management System

Scope of Certification:

Manufacturing and Service of PVC Lay Flat Water Discharge Hose, Air Hose, Grit Hose, Helix Hose, Sandblast Hose, Industrial Hose, PLA Sheet, Flame Resisting Sheet

Donghee Park

Donghee Park

CEO

Approval: Korea Global Certification Institute Co., Ltd.

Initial issue date Feb. 25, 2019
Date of issue Feb. 21, 2022
Expire date Feb. 24, 2025



KGC Co., Ltd. has been accredited by Korea Accreditation Board (KAB) as an ISO 14001:2015 Certification body. (Accreditation Number: KAB-EC-64)
This certificate is only valid in conjunction of surveillance audit which is conducted at least once a year.
If you cannot maintain the certification, the certificate shall be returned to KGC Co., Ltd.

KGC Co., Ltd. 118119, 4th Floor, 25, Chungjeong-ro 2-gil, Seongbuk-gu, Seoul, Korea <http://www.kgcrt.com>

Certificate of Approval

No. 022-80054-Q

KOREA PLASTICS CORPORATION CO., LTD.

#200, Goyang-ro 115beon-gil, Wolgot-myeon, Gimpo-si, Gyeonggi-do, Korea

Korea Global Certification Institute hereby certifies that the Management System of the above organization has been assessed and found to meet the requirements of the standard and scope of certification detailed below:

KS Q ISO 9001:2015 / ISO 9001:2015
Quality Management System

Scope of Certification:

Manufacturing and Service of PVC Lay Flat Water Discharge Hose, Air Hose, Grit Hose, Helix Hose, Sandblast Hose, Industrial Hose, PLA Sheet, Flame Resisting Sheet

Donghee Park

Donghee Park

CEO

Approval: Korea Global Certification Institute Co., Ltd.

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KGC Co., Ltd. has been accredited by Korea Accreditation Board (KAB) as an ISO 9001:2015 Certification body. (Accreditation Number: KAB-QC-72)
This certificate is only valid in conjunction of surveillance audit which is conducted at least once a year.
If you cannot maintain the certification, the certificate shall be returned to KGC Co., Ltd.

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