



Korea Plasys Company Limited



**MANUFACTURER OF INDUSTRIAL MINING AND AGRICULTURAL PVC HOSES**



## Greetings From Director

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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



# KOREA PLASYS COMPANY LTD.

## ABOUT US

Korea Plasy, a South Korea based Company is a leading manufacturer and supplier of high-quality industrial hose pipes, with a strong commitment to quality, innovation, and customer satisfaction. We have established ourselves as a trusted name in the Industry with more than 38 years of manufacturing experience. We have established in the year 1985 and we are a ISO certified Company.



## PRODUCT FEATURES

**Industrial Hose pipes:** We offer a wide range of Industrial hose pipes designed to meet the diverse needs of various Industries. Our hoses are known for their durability, flexibility, and reliability, making them suitable for a wide range of applications.

**Custom Solutions:** In addition to our standard hose offerings, we specialize in providing customised hose solutions tailored to the specific requirements of our customers. Our Engineering team works closely with clients to design hoses that meet their unique needs.

**Quality Assurance:** At Korea Plasys, quality is our top priority. We adhere to rigorous quality control standards through the manufacturing process to ensure that every hose we produce meets the highest Industry standards. Our commitment to quality has earned us the trust of numerous clients worldwide.

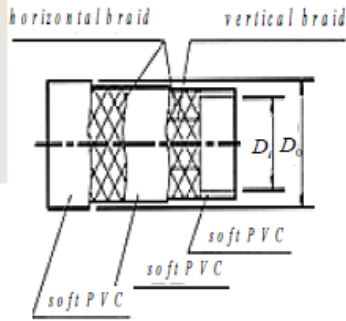
**Innovation and Technology:** We stay at the forefront of technological advancements in hose manufacturing. Our investment in research and development enables us to offer cutting-edge products that deliver exceptional performance and reliability.

**Global reach:** With a distribution network that spans across Canada, US, Latin American countries, Middle East etc.. we service customers worldwide. Our efficient logistics ensure timely delivery to meet the demands of our global clientele.

**Customer-centric approach:** Customer satisfaction is the cornerstone of our business. We strive to provide responsive customer support and tailor of our solutions to meet specific needs of each client. Our teams always ready to assist you with product selection, technical guidance, and after-sales support

**Environmental Responsibility:** We are committed to sustainability and eco-friendly manufacturing practices. Our production processes prioritize minimising waste and reducing our environment footprint.

# 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 <sup>2</sup>
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

# 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 <sup>2</sup>
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 & WATER BRAIDED HOSE (KB-10)



## Uses

- Drip irrigation
- High pressure water&AIR supply
- Sprinkler
- Aquaculture
- Public works

## Characteristics

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

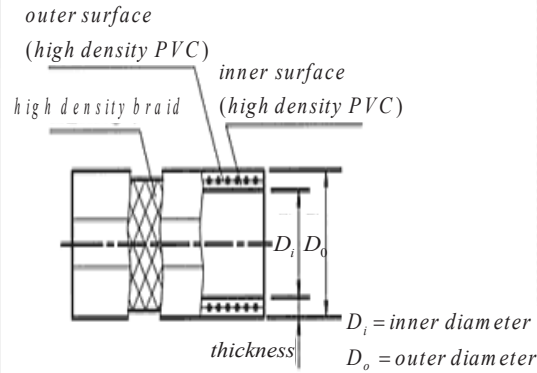
## Sevice Temperature Range:

-20F ~ 170 °F

AIR & WATER BRAIDED HOSE(KB-10)		Inner Diameter	Outer Diameter	Length (roll)	W.P(at 20℃)	B.P(at 20℃)
mm	inch	mm	mm	M	BAR	BAR
6.5	¼"	6.35	10.5	50~150	20	60
8	5/16"	7.95	12	50~150	20	60
10	3/8"	9.53	14.5	50~150	20	60
12	1/2"	12	18	50~150	20	60
13	1/2"	13	18.5	50~150	20	60
16	5/8"	15.87	23.0	50~150	20	60
19	3/4"	19.05	26.0	50~150	20	60
25	1"	25.4	33.0	50~150	20	60
32	1 1/4"	31.9	40.0	50~100	15	45
38	1 1/2"	38.1	46.0	50~100	15	45
50	2"	51.5	60.0	50~100	10	30



# Deluxe Air Hose



## Uses

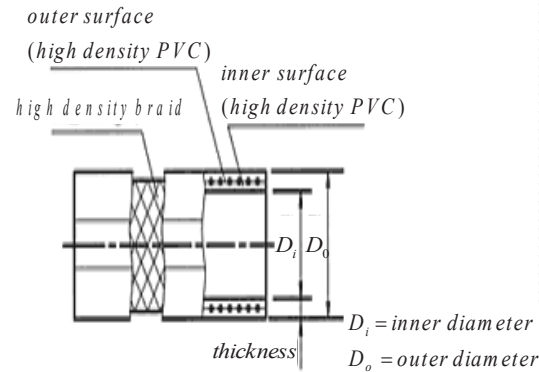
- \*Industrial apparatuses
- \*Engineering works
- \*Painting
- \*Mine works
- \*Special conveyances

## Characteristics

- \*Strong pressure resistance
- \*Soft and light
- \*UV resistance
- \*High flexibility
- \*Various colors

Deluxe Air Hose		Inner diameter	Outer diameter	Length (roll)	Pressure (at 20°C)
mm	inch	mm	mm	m	kg/cm <sup>2</sup>
6.5	¼"	6.5	11.9	100	30
8	5/16"	8	13.6	100	25
9.5	3/8"	9.5	15.1	100	20
13	½"	13	20	100	20
16	5/8"	16	23	100	15
19	¾"	19	26	50	15
25	1"	25	32.6	50	10

# Super Air Hose



## Uses

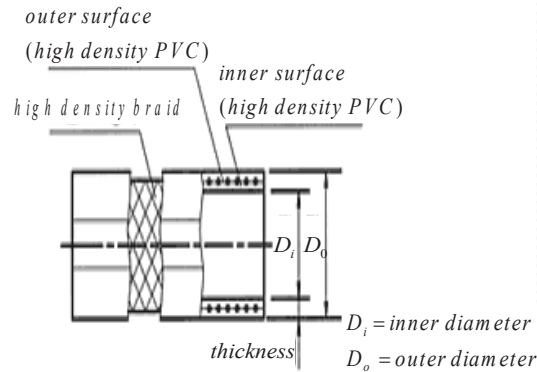
- \*Industrial apparatuses
- \*Engineering works
- \*Painting
- \*Mine works
- \*Special conveyances

## Characteristics

- \*Strong pressure resistance
- \*Soft and light
- \*Oil resistance
- \*UV resistance
- \*High flexibility
- \*Various colors

Super Air Hose		Inner diameter	Outer diameter	Length (roll)	Pressure (at 20°C)
mm	inch	mm	mm	m	kg/cm <sup>2</sup>
6.5	¼"	6.5	13	100	40
8	5/16"	8	15	100	40
9.5	3/8"	9.5	16.5	100	40
13	½"	13	21.5	100	30
16	5/8"	16	24.5	100	30
19	¾"	19	27.5	50	30
25	1"	25	34.5	50	25
32	1 ¼"	32	46	30	20
38	1 ½"	38	52	30	20
50	2"	50	66	30	15

# OXYGEN, AC, CO2 Hose(FRAME RETARDANT)



## Uses

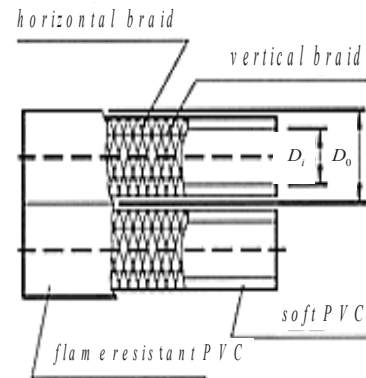
- \*Industrial apparatuses
- \*Engineering works
- \*Painting
- \*Mine works
- \*Special conveyances

## Characteristics

- \*Strong pressure resistance
- \*Soft and light
- \*Oil resistance
- \*UV resistance
- \*High flexibility
- \*Various colors

F.R OX Hose		Inner diameter	Outer diameter	Length (roll)	Pressure (at 20°C)
mm	inch	mm	mm	m	kg/cm <sup>2</sup>
6.5	¼"	6.5	13	100	40
8	5/16"	8	15	100	40
9.5	3/8"	9.5	16.5	100	40
13	½"	13	21.5	100	30
16	5/8"	16	24.5	100	30
19	¾"	19	27.5	50	30
25	1"	25	34.5	50	25
32	1 ¼"	32	46	30	20
38	1 ½"	38	52	30	20
50	2"	50	66	30	15

# Twin Welding Hose



## Uses

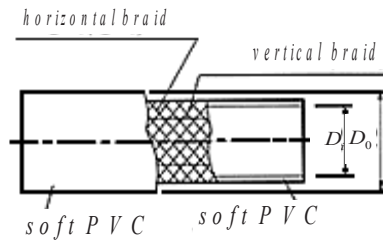
- \*Welding
- \*Painting
- \*Engineering works

## Characteristics

- \*Combining two hoses
- \*Easy to move and handle
- \*High flame resistance
- \*Low curvature radius
- \*High UV resistance
- \*Excellent flexibility

Twin Hose (Oxygen&GAS)		Inner diameter	Outer diameter	Length (roll)	Pressure(at 20°C)
mm	inch	mm	mm	m	kg/cm <sup>2</sup>
5	3/16 "	4.8	11.2	10~100	15
6	1/4 "	6.3	12.9	50,100	15
8	5/16 "	7.9	14.7	10~100	15
9	3/8 "	9.5	16.7	50,100	15

# Pressure Resistant Braided Hoses



## Uses

- Water supply
- Oil supply
- Various industrial apparatuses
- Air supply

## Characteristics

- Transparent
- Strong restoring force
- High UV, oil, chemical resistance
- Various sizes
- Meter marks

Pressure Resistant Braided Hose		Inner Diameter	Outer Diameter	Length (roll)	Pressure (at 20°C)
Mm	inch	mm	mm	m	kg/cm <sup>2</sup>
6	1/4"	6	10	50-100	10
8	5/16"	8	12	50-100	10
9	-	9	13	50-100	10
10	3/8"	10	14.5	50-100	8
12	-	12	16.5	50-100	8
13	1/2"	13	17.5	50-100	8
16	5/8"	16	21.5	50-100	8
19	3/4"	19	25	50-100	6
25	1"	25	31	50-100	6
32	1 1/4"	32	40	50-100	5
38	1 1/2"	38	47.5	50-100	5
50	2"	50	61	50-100	5

# STEEL WIRE TFB DUCT HOSE



• 색 상 : 자주색 ■ / 회색 ■



**Structure:** Outer bore of Fiber Glass

Fabric/PVC UNFRAMABLE

Spring Steel Wire

Special Thermal Fusion Part.

**Applications:** machinery, chemical industry, automotive industry, ventilation industry etc.

**Temperature range:** -20°C to +120°C

**Colour:** Grey, Violet Red.

**Specials:** a wide range of cuffs available

**Characteristics:** Light and highly flexible hose, high temperature stable, good chemical resistance, good resistance against ozone.

Duct Hose		Inner Diameter	W.P	Length (roll)	Working wind velocity
mm	inch	mm(d)	Mm WG	m	m/sec
025	1	25.4 ± 0.5	350	20	35
032	1 1/4	31.7 ± 0.5	350	20	35
038	1 1/2	38.1 ± 0.5	350	20	35
060	2	50.8 ± 1.0	350	20	35
065	2 1/2	63.5 ± 1.0	350	20	35
075	3	76.2 ± 1.0	350	20	35
100	4	101.6 ± 1.5	350	20	35
125	5	127.0 ± 1.5	350	20	35
150	6	152.4 ± 1.5	350	20	35
175	7	175.2 ± 1.5	350	20	35
200	8	203.2 ± 1.5	350	20	35
250	10	254.0 ± 2.0	350	10	35
300	12	304.8 ± 2.0	350	10	35

# 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

# Soundproof, Lagging Duct Hose

\*Sound Proof  
\*Thermal Insulating

Not Toxic PVC Cover

Sound Proofing and Thermal insulating PE form

Non-Toxic synthetic resin

Non-Toxic Rigid



### Uses

- Spot cooling for movable air conditioner
- Airconditioning , Air emmission and transport ,and Gas and steam removal.
- Kichen and electric heater system.
- Electrical canalizations

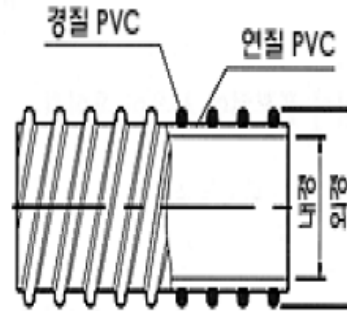
### Characteristics

- Flexible and can be fixed in a bent form
- Excellent inthermal insulation and soundproofing
- Simple Product cutting.
- The shape can be maintained it self

Size		I.D(mm)	O.D(mm)	Package/M	Remark
mm	inch				
50	2	50.0±1.5	58.0±1.5	1M,2M,5M,10M	
65	2 1/2	64.5±1.0	73.0±1.5	1M,2M,5M,10M	
75	3	77.0±1.0	84.0±1.5	1M,2M,5M,10M	
100	4	102.0±2.0	110.0±2.0	1M,2M,5M,10M	
125	5	126.0±1.0	137.0±2.0	1M,2M,5M,10M	
150	6	153.0±1.0	163.0±2.0	1M,2M,5M,10M	



# Grit Hose



## Uses

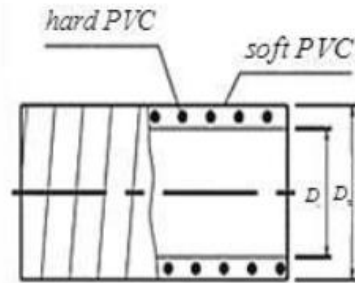
- Ship-building yard and ships.
- Suction and discharge of sand, gravel, cement, and iron ore.

## Characteristics

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

GRIT HOSE		I.D	O.D	Length	REMARK
(mm)	(inch)	I.D (mm)	O.D (mm)	(m)	
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	

# CONCRETE HOSE



**Uses**

- For use of laying concrete from concrete pump car,

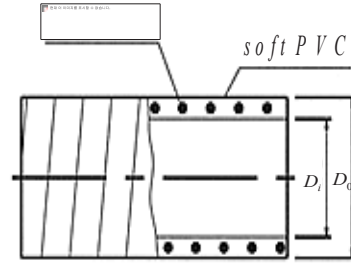
**Charateristics**

- 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/af
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

# High Pressure Spiral Hose



## Uses

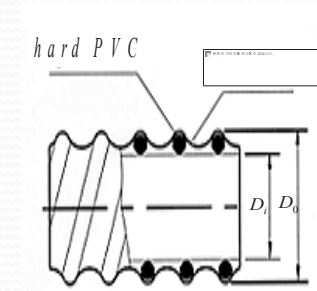
- Public works, subway, mine works
- Ship, Ocean works
- Conveying wastes
- Conveying concrete

## Characteristics

- Excellent pressure and wear resistance
- Strong chemical resistance

High Pressure Spiral Hose		Inner Diameter	Outer Diameter	Length (roll)	Pressure (at 20°C)
mm	inch	mm	mm	m	kg/cm <sup>2</sup>
25	1"	25.0±0.5	30.6±1.5	50	7
32	1¼"	32.0±1.0	37.9±1.5	50	7
38	1½"	38.0±0.5	45.5±1.5	50	6
50	2"	50.0±1.0	59.7±1.5	50	6
65	2½"	63.5±1.0	75.5±1.5	50	5.5
75	3"	75.0±1.0	90.0±1.5	50	5
100	4"	101.6±1.0	120.0±2.0	30	4.5
125	5"	128.0±1.0	149.0±2.0	30	4.5
150	6"	152.5±1.5	176.5±2.0	20	4.0
200	8"	203.5±1.5	223.5±2.0	10	3.5
250	10"	254.0±0.5	278.0±2.0	10	3.5
300	12"	304.8±1.0	331.5±2.0	10	3.5

# General Spiral Hose



## Uses

- General conveyance
- Architecture, public works, agriculture, ship, Industry, etc

## Charateristics

- Light and excellent flexibility
- Flat inner surface
- Outstanding pressure and wear resistance

General Spiral Hose		Inner Diameter	Outer Diameter	Length (Roll)	Pressure (at 20°C)	Minimum Bending Radius
mm	inch	mm	mm	m	kg/cm <sup>2</sup>	mm
016	5/8	15.9 ± 0.5	21.1 ± 1.0	20	4.2	35
019	3/4	19.0 ± 0.5	24.8 ± 1.0	30	4.0	40
025	1	25.4 ± 0.5	30.4 ± 1.0	50	4.0	45
032	1 1/4	31.7 ± 0.5	37.6 ± 1.0	50	4.0	50
038	1 1/2	38.1 ± 0.5	0	50	3.5	55
050	2	50.8 ± 1.0	59.1 ± 1.5	50	3.5	110
065	2 1/2	63.5 ± 1.0	73.1 ± 1.5	50	2.5	180
075	3	76.2 ± 1.0	87.5 ± 1.5	50	2.5	220
100	4	101.6 ± 1.5	116.6 ± 2.0	30	2.5	240
125	5	127.0 ± 1.5	142.4 ± 2.0	30	2.5	400
150	6	152.4 ± 1.5	168.0 ± 2.0	20	2.0	450
200	8	203.2 ± 1.5	223.8 ± 2.0	10	2.0	700
250	10	254.0 ± 2.0	276.7 ± 2.5	10	2.0	950
300	12	304.8 ± 2.0	330.1 ± 2.5	10	2.0	1000

# 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-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

# 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.
- 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	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

# 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



# 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-1 16BLUE]



## 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

-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	1.25	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-1 13GR/1 13CL]



## 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.
- Service 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.

## 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

# 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℃)	B.P(at 20℃)
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.

## Sevice 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	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.

## Service 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	mm	inch	FT		Psi		Psi	
40	1 1/2"	40	0.067	300	80	240					
50	2"	52	0.067	300	80	240					
75	3"	77	0.079	300	70	210					
100	4"	104	0.083	300	70	210					
150	6"	156	0.087	300	50	150					
200	8"	207	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

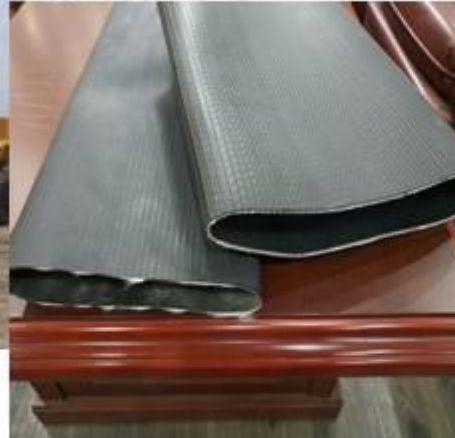
## Service Temperature Range:

-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	mm	inch	FT		Psi		Psi	
40	1 1/2"	40	1.575	0.087	0.343	300		150		450	
50	2"	52	2.047	0.091	0.358	300		150		450	
65	2 1/2"	65	2.559	0.095	0.374	300		150		450	
75	3"	77	3.031	0.098	0.386	300		150		450	
100	4"	104	4.094	0.110	0.433	300		130		390	
150	6"	156	6.142	0.118	0.465	300		115		345	
200	8"	207	8.150	0.122	0.480	300		70		210	

# 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

## 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

*Dongbae Park*

Dong Bae 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



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## 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

*Dongbae Park*

Dong Bae Park

CEO

Approval: Korea Global Certification Institute Co., Ltd.

Initial issue date Oct. 15, 2004

Date of issue Feb. 21, 2022

Expire date Feb. 24, 2025



KGC Co., Ltd. has been accredited by Korea Accreditation Board (KAB) as an <sup>ISO 9001</sup> Certification body (Accreditation Number: <sup>2004-02-15</sup> 2004-02-15).  
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