

HOSES, GAS SUPPLIES, FITTINGS & AGRICULTURAL EQUIPMENTS



Your reliable partner

SEYOUNG METAL CO.,LTD

Our Producing mind is to make the best quality as our life.
And business mind is to show the best credit to all our customers.

SEYOUNG METAL CO., LTD

Greeting

Seyoung Metal Co., Ltd. has been growing rapidly as a professional manufacturer and exporter.

The company started with cookware in 1999. Seyoung Metal expanded its business to manufacture PVC hoses. The company has been exporting its products to more than 40 countries throughout the world.

By supplying excellent products to customers, Seyoung Metal contributes to social development through win-win growth. The company continues to boost its reputation by exporting its products to overseas markets. Holding onto its value that nothing is more important than human resources, Seyoung Metal hires outstanding human resources to grow into a world-class company.

Thank you.

CEO
SEYOUNG METAL CO., LTD



History

SE YOUNG HISTORY

Since 1999~



2016	Expand production lines and automative system
2015	Process improvement supporting business
2014	Set up new production lines of braided hose
2013	Set up Oil Bath and Low temperature Bending Tester
2012	Established R&D department Set up universal testing machine Selected as a professional trading company
2011	The completion of the second factory
2010	Selected Export specialized company by government Selected New exporter 300 by KITA
2009	Acquired ISO 9001 certification
2008	Developed one-touch flexible hose
2007	Set up new production lines for LPG and LNG
2003	Moved office to Busan
1999	Joined Korea international Trade Association (KITA) Established Seyoung Metal Co., Ltd in Busan

Products

“No customer, no business”

We are doing our best to manufacture flexible, durable, and economical products.

We only use quality raw material to manufacture the highest quality of products, and set up automation system and latest production line. Because of the newest production lines, we can minimize personnel expenses and improve the speed of production.

Production Lines and Research Center

PRODUCTION LINES

- ▶ Weaving Production Lines
- ▶ Braiding Production Lines
- ▶ Injection Plastic Production Lines
- ▶ Injection Stainless Steel Production Lines
- ▶ Quality Control System

RESEARCH CENTER

- ▶ Universal Testing Machine
- ▶ Oil Bath
- ▶ Electric Constant Temperature Drying Oven
- ▶ Low Temperature Flexing Tester
- ▶ Electric Muffle Furnace
- ▶ Electronic Micro Balance



CONTENTS

HOSES 6

Power Spray Hose	6
Gas Hose	7
Air Hose	8
PU Hose	9
Coil Tube	10
Teflon Tube	10
Spring Hose	11
Flat Hose	11
Suction Hose	12
Welding Hose	12
Duct Hose	13
Garden Hose	13
Clear Braided Hose	14
Nylon Tube	14
Flexible Metal Hose	15

GAS EQUIPMENTS 16

Gas Regulator	16
Other Gas Hoses	17
Portable Gas Stove	18
Gas Cartridge	19
Gas Torch	19
Gas Heater	20
Gas Range	20

AGRICULTURAL SUPPLIES 21

Drip Irrigation Hose	21
Disc Filter	22
Sprinkler	23
Power Sprayer	24
Farming Tools	25
Rechargeable Sprayer	25
Sprayer	26
Spray Gun	26
Fogger	27
Hose Reels	28
Grow Pot	29
Pest Control	29
Multipurpose Farming Tools	30
Brush Cutter and Dust Blower	30
Tools	31

FUNCTION ICONS

VARIOUS FUNCTION OF OUR PRODUCTS

Many of our products are capable of performing multiple functions.

The icons below indicate the functions of each product.



※ **Durable for high pressure**
(compared with other products)



※ **Low friction coefficient**
※ **Represents quality of coating**



※ **Safety use of water**



※ **Heat resistance**
This mark represents high-heat resistance



※ **Strength for external shock**



※ **Chemical resistance**



※ **Safety use of low and high temperature**

HOSES

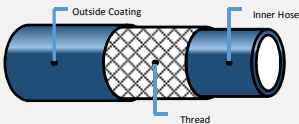
HIGH PRESSURE POWER SPRAY HOSE



FEATURE

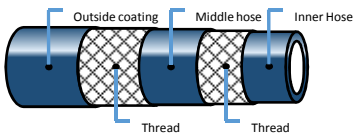
- To spray agricultural chemical, machine, and Implement that call for high pressure.
- Excellent at durability against high pressure.
- Flexible, Light weight construction.
- Made of kink-resistant rugged PVC, very easy to keep.
- Beautiful exterior.
- Good durability against climate, abrasion, and chemical agent.

	SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
3LAYER BRAIDED	6.5	6.5	12.5	40	110	10~100M
	8.5	8.5	14.5	40	100	10~100M
	10	10	16.5	40	100	10~100M
	13	13	20.5	40	90	10~100M
	16	16	25.5	30	80	10~50M
5LAYER BRAIDED	8.5	8.5	14.5	50	150	10~100M
	10	10	16.5	50	150	10~100M
3LAYER WEAVED	6.5	6.5	12.5	70	180	10~100M
	8.5	8.5	14.5	60	170	10~100M
	10	10	16.5	60	160	10~100M
	13	13	20.5	60	160	10~100M
	16	16	25.5	50	150	10~50M



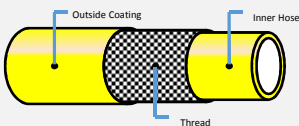
3Layer Braided

3Layer Braided spray hose has around 110 Bar B/P. It is usually used for air tools, spraying agricultural chemicals. This product comes from our newest technology with high flexibility.



5Layer Braided

5Layer Braided spray hose has around 150 Bar B/P. It is usually used for tasks needing high pressure. The layers consist of inner pvc-thread-middle pvc-thread-outer pvc. This product has beautiful exterior that seems really strong and soft.



3Layer Weaved

3Layer Weaved high pressure spray hose is a result of Korean high technology. This has around 200 bar B/P, the strongest power spray hose. This is made of high density of quality yarns.

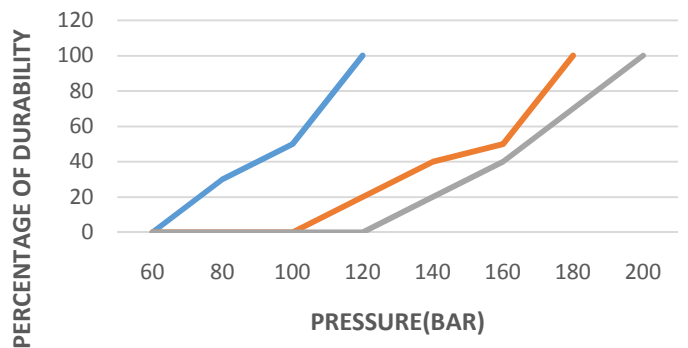


Coupling Type 1

Coupling Type 2



BURST PRESSURE TEST

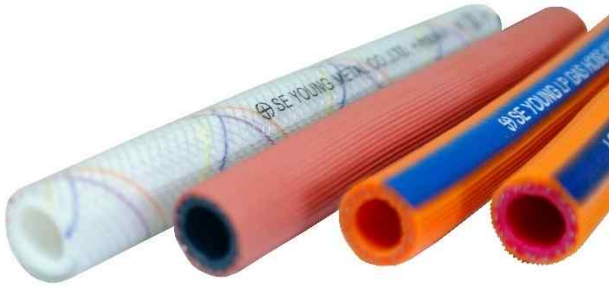


— 3Layer Braided — 5Layer Braided — 3Layer Weaved



HOSES

GAS HOSE

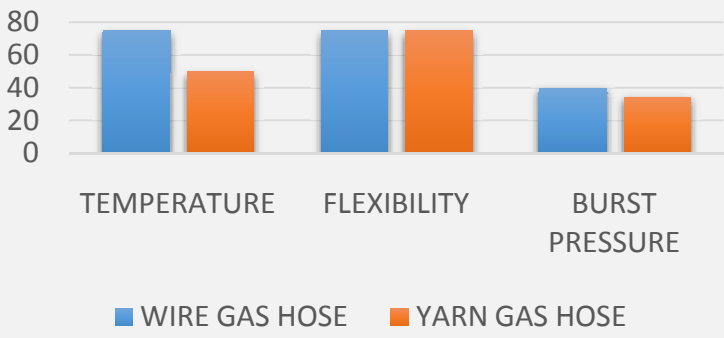


FEATURE

- For supplying LPG, LNG
- Made from non-toxic material, abrasion resistant with long-life use.
- Reinforcement-wire
- As flexibility, easy to install
- Temperature: -10 °C ~ 70 °C
- Safe to use
- Durability and strong because of wired

	SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)	LENGTH(m)
WIRE	8	8	13.5	2	40	20~100
	9.5	9.5	14.5	2	40	20~100
YARN	8	8	13.5	2	40	20~100
	9.5	9.5	14.5	2	40	20~100

COMPARE WIRE and YARN GAS HOSE



TEMPERATURE

Wire gas hose has high heat resistance than yarn reinforcement gas hose.. Because wire is strong enough to endure external shocks, wire hose is very strong and more safety than yarn gas hose.

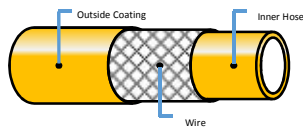
FLEXIBILITY

Both types of hoses are very flexible, because they made from PVC material.

BURST PRESSURE

In fact, both hoses have similar burst pressure. So if you want to reduce the costs, you can use yarn gas hose product. Else, your matter is to take the most safe gas hose, try to select wire gas hose product.

“Choose the better products for your usage. The matter is your opinion”



GAS HOSE WIRE

Sprial wire is used, so it is strong enough to endure shocks from outside. KS(Korean Industry Standard): Tested by official standards, so it is safe to use.



HOSES

SUPER AIR HOSE



FEATURE

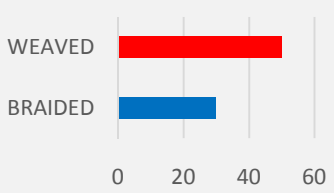
- For air tools of various kinds and compressors
- Painting, public works and construction sites
- Made of kink-resistant rugged PVC, very easy to keep.
- It is light, flexible, anti-erosion, and explosion resistant
- Good durability against climate and chemical agents
- This hose can work under very high working pressure

SIZE	I/D	W/P(bar)		B/P(bar)		LENGTH(M)
		BRAIDING	WEAVING	BRAIDING	WEAVING	
8	8.0mm	40	100	50	160	50~150
9.5	9.5mm	30	100	40	150	50~150
13	13mm	30	90	40	140	50~150
19	19mm	20	50	40	120	10~50
25	25mm	20	50	40	120	10~50

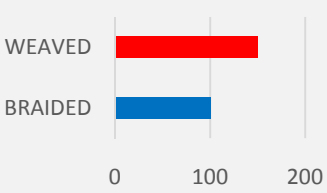
COMPARISON BETWEEN WEAVED AND BRAIDED

Basically, the air hoses have two kinds of types. One is Weaved, and another is Braided. As you can see below, if you need high pressure air hose, you would better to choose weaved super air hose. On the other hand, if you are looking for the Products that have competitive price at regular pressure use, you would better to choose braided super air hose.

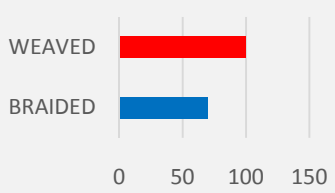
W/P(bar)



B/P(bar)

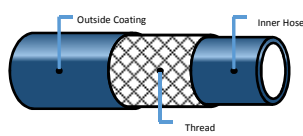


PRICE

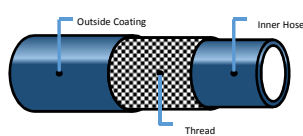


Three Types of Hoses

<3Layer Braided> <5Layer Braided> <3Layer Weaved>



3Layer Braided spray hose has around 110 Bar B/P. It is usually used for air tools, spraying agricultural chemicals. This product comes from our newest technology with high flexibility.



3Layer Weaved high pressure spray hose is a result of Korean high technology. This has around 200 bar B/P, the most strong spray hose. This is made of high density of quality yarns.

HOSES

POLYURETHANE TUBE

FEATURE



- Appropriate to multiple purpose of piping for Air, water, oil & chemical
- Superior anti-pressure, vibration, rust, heat, Chemical, and oil
- Light weight & softness enable to increase The productivity of piping works
- Wide applicable range of temperature
- Low-absorptive rate, low physical performance Deterioration
- Superior anti-weather, curve & fatigue
- Working temperature range: -40 °C~80 °C

SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)	THICKNESS(mm)
4x2	2	4	7	23	1
4x2.5	2.5	4	7	23	0.75
6x4	4	6	7	23	1
8x5	5	8	7	23	1.5
10x6.5	6.5	10	7	23	1.75
12x8	8	12	7	23	2
12x9	9	12	7	23	1.5
16x12	12	16	7	23	2

■ FITTINGS

- Easy to equip tube with only one touch, and the fittings are easy piping a narrow space

■ SPECIFICATION

APPLICABLE FLUID	AIR, WATER
WORKING PRESSURE RANGE	0~9.9Kg f/cm ² (0~990Kpa)
NEGATIVE PRESSURE	-750mmHg(10Torr)
TEMPERATURE RANGE	0~60 °C

■ TYPES

- One touch fitting, two touch fitting, Speed Controller



Fluid	Air, Water
Applicable Fittings	One-touch fittings, Insert fittings, Miniature fittings
Operating temperature	-20 to +80 °C, Water: 0 to 40 °C (No freezing)
Material	Polyurethane
Color	Transparency, milky, blue, red, yellow, green, black



HOSES

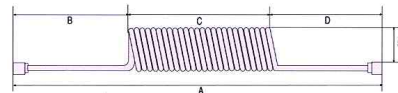
POLYURETHANE COIL TUBE



FEATURE

- The light weight makes piping works easier.
- Use: Industrial robot, air compressive tools, concentrating lubricate, and air tools
- Color: black, transparency, blue, red, green & yellow

SIZE	WORKING RANGE(M)	WORKING RANGE(bar)	A	B	C	E(Φ)
580	4	5	580	120	340	45
780	6	5	780	120	540	45
840	8	5	840	120	600	50
650	4	5	650	150	350	57
820	6	5	820	150	520	57
1010	8	5	1010	150	710	57
590	4	5	590	150	290	78
740	6	5	740	150	440	78
890	8	5	890	150	590	78



■ **Measurement**
E is measured by Φ

HOSES

TEFLON TUBE(PTFE/PFA TUBE)



■ USE

- Steam heater in which gas and liquid move of high temperature and pressure
- Semiconductor manufacture facility

FLUID USED	USE LIMIT OF TEMPERATURE
General operation fluid	-65 ~ 200 °C
Water	0 ~ 150 °C
Air	-65 ~ 260 °C



FEATURE

- Chemical-resistance is excellent
- Excellent transparency enables
- Heat and cold resistance (-65 °C ~ 260 °C)

SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)
4x2	2	4	25	100
6x4	4	6	16	65
8x6	6	8	11	45
10x8	8	10	8	35
12x10	10	12	7	30
14x12	12	14	7	30
16x14	14	16	7	30
18x16	16	18	7	30
20x18	18	20	7	30

HOSES

SPRING HOSE



Specialty PVC Spring Hose

1) Wide range of temperature uses

Working Temperature: -20 ~ 90°C

2) Anti-static

Working where static is very dangerous such as mind, oil gas station, factories with dust, etc

FEATURE

- PVC with steel wire reinforced
- For drawing and conveying water, oil, powder
- The hose is light, transparent with small bending radius
- Good adaptability to harsh conditions and minus pressure
- Easy to check inside

SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
8	8mm	13.5mm	9	55	100M
9	9mm	15mm	8	50	100M
12	12mm	18mm	7	45	100M
15	15mm	22mm	6	35	100M
19	19mm	26mm	5	30	50M
25	25mm	33mm	5	25	50M
32	32mm	41mm	4	20	40M
38	38mm	48mm	4	19	40M
50	50mm	62mm	3	13	40M



HOSES

FLAT HOSE



I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
25mm	7	21	10~100
32mm	7	21	10~100
38mm	7	21	10~100
51mm	6	18	10~100
64mm	7	21	10~100
76mm	6	18	10~100
102mm	6	18	10~100
125mm	6	18	10~100
153mm	6	18	10~100
203mm	4	12	10~100

FEATURE

- Light weight, good flexibility, easy to use
- Corrosion resistant, anti-aging
- Burst pressure 4 times working pressure
- Non-toxic, non-smell
- Most commonly used in agricultural irrigation system



RECOMMENDED FOR

Guaranteed flexibility and ductility. High resistance is guaranteed by reinforcement, without compromising lightness and ease of use.



HOSES

SUCTION HOSE



FEATURE

- High quality plasticized PVC
- Diameter and thickness can be as customers' requirements
- Ideally for conveying water, oil powder, abrasive mineral sands, gravel, cement, chips, shavings, construction, agricultural, and industrial service applications
- Working temperature: -10°C ~ +75°C

SIZE	I/D(mm)	O/D(mm)	W/P(bar)	B/P(bar)
19	19	25	7.5	18.5
25	25	30	7	18
32	32	38	7	18
38	38	45	6	17
50	50	60	6	17
75	75	86	5.5	16.5
100	100	115	4.5	15
125	125	140	4.5	14
150	150	168	4	12
200	200	224	3.5	10



HOSES

WELDING HOSE



FEATURE

- Oxyacetylene welding
- Oxygen supply a live fish car & aquarium
- Other industrial machine
- Generating less harmful rays, easy to control the heats
- Various use, easy to carry, and cheap
- Single & twin

SIZE	I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
5	5	15	60	50~150
6.5	6.5	30	90	50~150
8	8	30	90	50~150
9.5	9.5	30	80	50~150



■ For other sizes, please contact a sales department at SEYOUNG METAL CO., LTD



To contact our assistants, please visit:

<http://www.seyoungmetal.com>



HOSES

DUCT HOSE



FEATURE

- Appropriate choice for blowing air & gas in varied applications like cold & warm air installations, ventilation & heating systems
- Dust collection
- Carding machines, draw frames, underground mines, automobile industry, etc

■ For other sizes, please contact a sales department at SEYOUNG METAL CO., LTD



To contact our assistants, please visit:

<http://www.seyoungmetal.com>



SIZE	I/D(mm)	LENGTH(M)
50	50	50
65	60	50
75	75	50
100	100	30
125	125	30
150	150	20
200	200	20
250	250	10
300	300	10



HOSES

GARDEN HOSE



FEATURE

- Light weight, good flexibility, easy to use
- Corrosion resistant, anti-aging
- Burst pressure 4 times working pressure
- Non-toxic, non-smell
- Most commonly used in agricultural irrigation system

SIZE	I/D(mm)	O/D(mm)	W/P(bar)	LENGTH(M)
10	10	15.5	10	10~100
13	13	18.5	7	10~100
16	16	22	7	10~50
25	25	32	6	10~50



HOSES

CLEAR BRAIDED HOSE



FEATURE

- Tough, flexible and durable under normal operating conditions
- Excellent transparency, enabling blockages to be located
- Suitable for food applications, wide range of chemicals

SIZE	I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
6	6	20	60	Customized
8	8	20	60	Customized
10	10	20	60	Customized
13	13	20	60	Customized
16	16	20	60	Customized
19	19	15	45	Customized
25	25	15	45	Customized



HOSES

NYLON TUBE



FEATURE

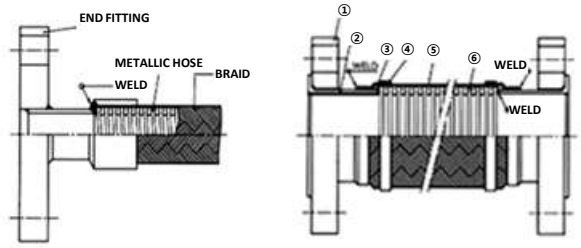
- Display excellent efficiency in piping
- Anti-pressure, vibration, rust, heat, chemical and oil
- Low-absorptive rate, physical performance deterioration & changeable rate of measurement
- Various tube colors available
- Working temperature: -40 °C ~ 80 °C

SIZE	I/D(mm)	O/D(mm)	THICKNESS(mm)	B/P(bar)	WEIGHT(g/m)
4x2	2	4	1	150	11
4x2.5	2.5	4	0.75	60	9
6x4	4	6	1	60	17
8x6	5	8	1	60	25
10x8	8	10	1	50	29
12x9	9	12	1.5	60	51
16x13	13	16	1.5	50	70



HOSES

FLEXIBLE METAL HOSE



FEATURE

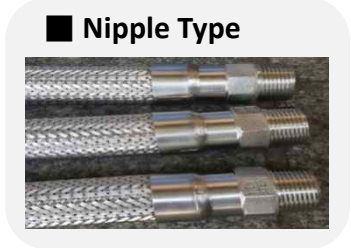
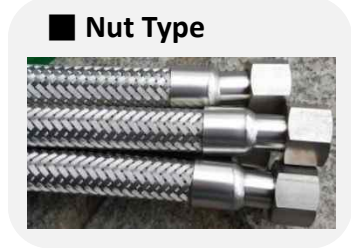
- Designed for applications where chemicals and temperature extremes from media or atmosphere are present
- Excellent chemical resistance
- Fire safety and limited permeation for top performance

STRUCTURE OF FLEXIBLE METAL HOSE

Flexible hoses consist of Metal Hose, Wire Braid, and End Fittings(Union, Flange, Nipple, Socket Etc).

Braid

Our flexible hose is focusing on flexibility, it is braided by 200A with stainless steel reinforcement, and the strength of braid is designed for usage of working pressure and temperature.



For other sizes, please contact a sales department at SEYOUNG METAL CO., LTD



To contact our assistants, please visit:

<http://www.seyoungmetal.com>



SIZE	LENGTH(mm)	REINFORCEMENT	B/P		WEIGHT(kg)
			1Layer	2Layer	
25A	200	WIRE	24	48	4
32A	200	WIRE	24	48	5
40A	230	WIRE	21	42	5
50A	230	WIRE	21	42	6
65A	230	WIRE	21	42	8
80A	230	WIRE	21	42	9
100A	230	WIRE	18	36	13
125A	280	WIRE	13	36	15
150A	280	WIRE	11.2	22.4	19
200A	300	RIBON	16.6	33.2	24
250A	300	RIBON	13.3	26.6	38
300A	300	RIBON	11.3	26.6	42



GAS EQUIPMENTS

GAS REGULATOR



■ SYR-5A

■ SYR-4A

FEATURE

- Deliver a steady flow pressure to downstream appliances
- Size, shape, delivery pressure and adjustability may differ depending items
- Solidly constructed for reliable daily operation
- Offers the highest level of safety
- For household & industrial use

Inlet Pressure 0.07~1.56Mpa

Outlet Pressure 2.8Kpa

Inlet Pol Handle Hose end

Capacity L/P(4kg) ~ M/P(5kg)



MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-20C	20	0.01~0.1	2.8	2.7kg



MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-6E	6	0.1~1.56	2.55~3.3	0.9kg



MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-12E	12	0.1~1.56	2.55~3.3	2.5kg



MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-20C	20	0.01~0.1	2.8	2.7kg



MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-12F	12	0.1~1.56	15~25	2.5kg

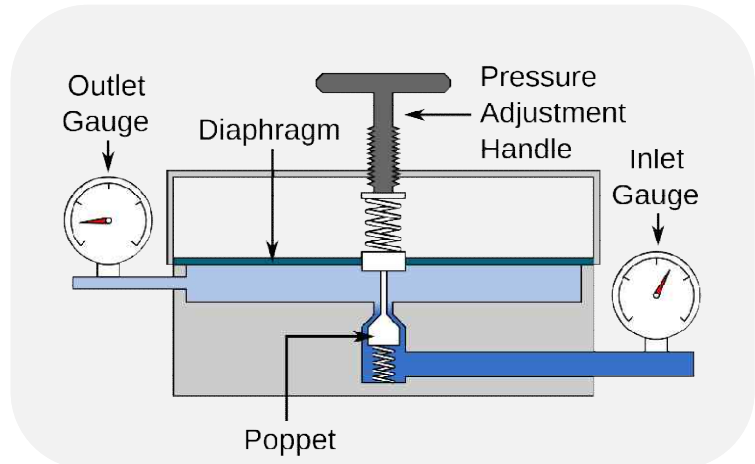


MODEL	CAPACITY	INLET PRESSURE	OUTLET PRESSURE	WEIGHT
SYR-35G	35~100	0.2~1.56	0.064~0.096	5.0kg



■ Constitution of a Set

With quality gas hose pipe (either wire or yarn reinforcement), regulator, and package will be possible for a specific requirement.



GAS EQUIPMENTS

OTHER GAS HOSES

■ FLEXIBLE METAL GAS HOSE



FEATURE

- Has long performance life and high flexibility
- Can be bent freely and connected firmly
- Easy installation with its flexible body and fittings
- Low cost expense for installation

SIZE	I/D(mm)	W/P(bar)	B/P(bar)	W/P(°C)	LENGTH(m)
9.5	9.5	8	100	-40~120°C	Customized
13	13	8	100	-40~120°C	Customized
19	19	8	100	-40~120°C	Customized
25	25	8	100	-40~120°C	Customized
32	32	8	100	-40~120°C	Customized



■ FLEXIBLE ONE-TOUCH UNI HOSE



SIZE	I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
8.5~9.0	8.5~9.0	2	40	1/1.3/1.5/1.8/ 2.0/2.5/3.0

- UV stabilized
- Flexibility, so it can be used in both cold and hot weather
- Easy to install and use because of one-touch fittings
- For low pressure gas using

■ RUBBER HOSE ASSEMBLY



[Pigtail hose for LPG gas (Pigtail Hose)]

SIZE	I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
6.3~6.5	6.3~6.5	2	40	0.6/0.8/1.0/ 1.2

- Aerospace hydraulic, fuel, coolant, and oil systems
- Low-pressure air and vacuum instrument systems
- General aviation

■ RUBBER HOSE ASSEMBLY TWIN



[Twin hose for KGS gas (Twin Hose)]

SIZE	I/D(mm)	W/P(bar)	B/P(bar)	LENGTH(M)
6.3~6.5	6.3~6.5	2	40	0.6/0.8/1.0/ 1.2

GAS EQUIPMENTS

PORTABLE GAS STOVE

FEATURE

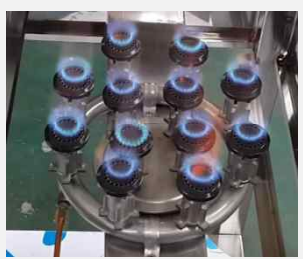


- Perfect for outdoor use such as camping
- Passed a safety test
- Fuel: Liquefied Butane Gas
- Fuel consumption: Size and weight may vary per item



■ Safety Characteristics

1. Pressure sensitive safety device
If the pressure in the gas cartridge becomes unusually high, it will be ejected automatically
2. Spill pan reversal protection
If the spill pan is placed incorrectly, i.e. upside down, the gas cartridge lock will not operate
3. Attractive and durable
The specially formulated paint coating is particularly durable and elegant
4. Burner
The alloy is ideal for maximizing heat efficiency resulting in the economic use of gas
5. Prevention system for incorrect placement of gas cartridge
If the gas cartridge is not aligned with the keyway of the appliance it will not operate
6. Gas leak prevention system
If the ignition knob is not vertical (off) position, the gas cartridge lock will not operate



■ Thermal Power Test

With strict examination,
We do supply you with the
Most economic products

■ DETAILS



■ Hose connection is available



■ 2 stage safety system



■ High energy efficiency
Can cook in a short time



■ Durable prop



GAS EQUIPMENTS

GAS CARTRIDGE



■ BUTANE CARTRIDGE

Weight and Volume

- N.W: 220gr
- N.V: 280ml
- G.W: 350gr
- G.V: 520ml

FEATURE

- Safety and conveniently in any place and time
- Can be customized to clients' needs
- 5 stage of checking the quality
- Butane fuel used for portable gas stoves



■ SCREW TYPE

Weight and Volume

- N.W: 100,230,450gr
- N.V: 100,230,450gr
- G.W: 230,380,750gr
- G.V: 178,460,975ml



■ LIGHTER GAS

Lighter gas

- Contents: 300ml(165g)
- LPG and PURE BUTAN GAS
- Packing: Inbox carton, outbox carton



GAS EQUIPMENTS

GAS TORCH



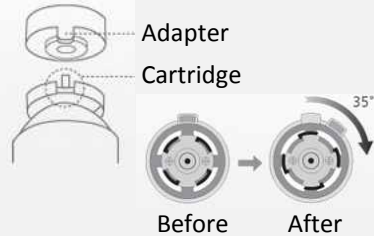
ITEM	SY5122
FUEL	LPG(Butane) 220g
CONSUME	9000kcal/hr
Material	S/S,Aluminum,P.P
WEIGHT	110g

FEATURE

- Adjustable Flame control and self ignition
- Push button automatic ignition
- Burner tube: brass with chrome plating
- Compatible with standard butane gas cartridge



■ ONETOUCH ASSEMBLES



ITEM	SY5121
FUEL	LPG(Butane) 220g
Using Time	1Hr 50Min
Max Temp.	1450 °C
WEIGHT	150g



ITEM	SY5123
FUEL	LPG(Butane) 220g
Using Time	1Hr 50Min
Max Temp.	1450 °C
WEIGHT	150g



GAS EQUIPMENTS

GAS HEATER



MODEL	SYH-100
GAS CONSUMPTION	48g/h
USE	Camping
GAS	220g Butane
SIZE(mm)	305x215x310
WEIGHT(kg)	2.6kg



MODEL	SYH-200
GAS CONSUMPTION	92g/h
USE	Camping
GAS	220g Butane
SIZE(mm)	181x230x256
WEIGHT(kg)	0.94kg

FEATURE

- During heating, temperature can be controlled freely
- Easy to control degree
- High energy efficiency
- Safety system

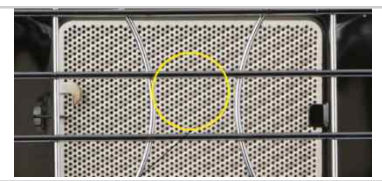


MODEL	SYH-300
GAS CONSUMPTION	68g/h
USE	Camping
GAS	220g Butane
SIZE(mm)	240x195x198
WEIGHT(kg)	1.6kg



■ Safety System

High quality ceramic Mesh to prevent burns



GAS EQUIPMENTS

TANK STOVE



FEATURE

- High energy efficiency
- 10 times of thermal power than regular gas stove
- Steel handle
- Easy to be assemble and disassemble

■ COMPONENT



MODEL	SYT-100
MATERIAL	S/S
SIZE(mm)	254x280x125
WEIGHT(kg)	1.2kg
COMPONENT	Tank Burner 1

■ THERMAL POWER



10 Times of thermal power Than regular gas stove



AGRICULTURAL SUPPLIES

DRIP IRRIGATION HOSE AND FITTINGS



FEATURE

- Uniformed dripping
- Lower blocking rate at dripper
- Remarkable Physical and chemical properties
- excellent durability
- The specification of drip irrigation hose is available to be changed by customer's requirement

NAME	O/D(mm)	THICKNESS(mm)	DRIPPER INTERVAL(mm)	FLOW(L/h)	LENGTH(M)
SYT-1	16	0.2	10	0.8	1,000
SYT-2	16	0.2	15	1.38	1,000
SYT-3	16	0.2	20	1.38	1,000
SYT-4	16	0.3	10	0.8	1,000
SYT-5	16	0.3	15	1.38	1,000
SYT-6	16	0.3	20	1.38	1,000
SYT-7	16	0.2	30	1.38	1,000

■ DRIPLINE FITTINGS



■ NOW HOSE STARTER



■ ONE-TOUCH CONNECTOR



AGRICULTURAL SUPPLIES

DISC FILTER



FEATURE

- Uniformed dripping
- Lower blocking rate at dripper
- Remarkable Physical and chemical properties
- excellent durability
- The specification of drip irrigation hose is available to be changed by customer's requirement

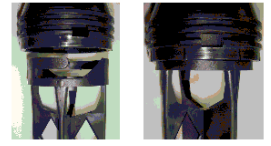


In/out diameter	75mm
Max. Pressure	10 bar
Max. Flow	45 m ³ /h
Height	7,900mm
Length	2,760mm
Weight	9.8KG
Filtration degree	150mesh/130micron
	120mesh/130micron
	80mesh/200micron
	40mesh/400micron

In/out diameter	50mm
Max. Pressure	8 bar
Max. Flow	45 m ³ /h
Height	493mm
Weight	4.8KG
Filtration degree	150mesh/130micron
	120mesh/130micron
	80mesh/200micron
	40mesh/400micron



ASSEMBLY



- Turn clockwise for disassembly



- Turn counterclockwise for assembly



AGRICULTURAL SUPPLIES

SPRINKLER



FEATURE

- Spray distance can be adjusted
- Spray can be achieved from a semicircle to round, angle range from 30 degrees to 360 degrees
- The water of nozzle mist are fine particle, can evenly and accurately sprayed on plants. Increase soil moisture conducive to plant uptake, without destroying the soil structure, soil nutrient are not easy to lost.
- It is an efficient way to save water
- Easy to use, can randomly move



Model	SYS-10
Pressure	1.0~1.5kg/cm
Capacity(L/min)	8.0~18.5L/min
Distance(m)	9~18m



Model	SYS-11
Pressure	1.5~3.5kg/cm
Capacity(L/min)	8.5~16.5L/min
Distance(m)	12~24m



Model	SYS-12
Pressure	1.5~3.5kg/cm
Capacity(L/min)	9.8~18.0L/min
Distance(m)	20~40m



Model	SYS-13
Pressure	1.5~3.5kg/cm
Capacity(L/min)	13~20.5L/min
Distance(m)	30~60m



AGRICULTURAL SUPPLIES

POWER SPRAYER



FEATURE

- Using the highest grade stainless steel and high quality plastic that never corroded by any kind of insecticides and herbicides
- All parts are easy to disassemble and assemble without a particular tool
- Light weight that body, even woman or old man can use

MODEL	SYPS-100	SYPS-101	SYPS-102
Type	Horizontal, 2-plungers	Horizontal, 3-plungers	Horizontal, 3-plungers
Size(mm)	410x240x330	450x290x370	450x320x410
Weight(kg)	12	18	21
RPM	700~1,100	700~1,100	700~1,200
Working Pressure(kg/cm ²)	25~30	33~52	25~35
Maximum Pressure(kg/cm ²)	35	40	40
Required Power(Hp)	1.5~2.0	2.0~3.0	3.0~5.0

■ MOTOR TYPE



MODEL	SYPS-200
Type	20A + Motor (2Wheels)
Size(mm)	480x600x1,120
Weight(kg)	65
RPM	540
Working Pressure(kg/cm ²)	25~30
Maximum Pressure(kg/cm ²)	35
Required Power(Hp)	1.5~2.0
Spray Hose	8.5mm x 100M

■ MOTOR TYPE



MODEL	SYPS-301	SYPS-302	SYPS-303
Type	20A + Motor	40A + Motor	70A + Motor
Size(mm)	700x360x370	950x400x540	950x400x580
Weight(kg)	43	57	64
RPM	540	360	360
Working Pressure(kg/cm ²)	25~30	25~30	25~35
Maximum Pressure(kg/cm ²)	35	40	45
Required Power(Hp)	1.5~2.0	2.0~3.0	3.0~5.0



AGRICULTURAL SUPPLIES

RECHARGEABLE SPRAYER



FEATURES

- Used preventing water leakage nozzle
- To prevent blockage, inner filter has added
- Easy to sticking the battery
- Lithium ion battery
- Indicator of voltage so that user can check it easily
- Powerful spraying

MODEL	SYRS-100
Tank Capacity(Ltr)	40L
Battery Output	11.1V/5200mA
Hose Length	50M
Using time	2hrs 40min
Electric voltage	AC 220V, DC12V
Charging time	4hrs



FEATURES

- Used preventing water leakage nozzle
- To prevent blockage, inner filter has added
- Easy to sticking the battery
- Lithium ion battery
- Indicator of voltage so that user can check it easily
- Powerful spraying

MODEL	SYRS-200
Tank Capacity(Ltr)	20L
Battery Output	11.1V/5200mA
Gross weight	4.2kg
Using time	2hrs ~ 3hrs
Electric voltage	AC 220V, 60Hz
Pressure	80PSI (5.6 kgf/cm ²)



Packing for preventing leak



Inside filtering net for preventing clogging



Lithium ion battery



Strong spraying powerc



External voltage display



AGRICULTURAL SUPPLIES

SPRAYER



FEATURE

- Using the highest grade stainless steel and high quality plastic that never corroded by any kind of insecticides and herbicides
- All parts are easy to disassemble and assemble without a particular tool
- Light weight body



■ FLEXIBLE ONE-TOUCH UNI HOSE

MODEL	SYS-1000
Net Weight(kg)	4.01kg
Tank capacity(L)	20L
Working Pressure(kgf/cm ²)	4.2kgs/cm ²
Spraying capacity/min	1.7L



■ FLEXIBLE ONE-TOUCH UNI HOSE

MODEL	SYS-1001
Net Weight(kg)	4.16kg
Tank capacity(L)	17L
Working Pressure(kgf/cm ²)	4.2kgs/cm ²
Spraying capacity/min	1.7L



AGRICULTURAL SUPPLIES

SPRAY GUN



FEATURE

- Uniformed dripping
- Lower blocking rate at dripper
- Remarkable Physical and chemical properties
- excellent durability
- The specification of drip irrigation hose is available to be changed by customer's requirement



1000mm x ϕ 1.9
For 8.5mm or 10mm



340mm x ϕ 1.7
For 8.5mm or 10mm



AGRICULTURAL SUPPLIES

FOGGER



SPECIFICATIONS	SIZE(mm)	450x150x330mm
	FUEL	Liquefied butane gas
	FORMULATION TANK CAPACITY	2L (0.5gal)
	WEIGHT (FULL)	4KG

FEATURE

- Equipped with coil cooling & washing device
- world patent acquired and coil residue removal device
- Portable and Easy to use
- Produce small particles and effectively disperse them evenly over large areas for total coverage
- Use: cattle sheds, houses, various venues, etc



SPECIFICATIONS	SIZE(mm)	230x1350x340
	FUEL	Liquefied butane gas
	FORMULATION TANK CAPACITY	8.0L (2.1 gal)
	WEIGHT (FULL)	9KG

FEATURE

- One touch automatic starting system which is easy to start
- Incorrodible since every part of the machine which ranges from fuel tank to nuts and bolts is made of stainless steel



FEATURE

- Equipped with coil cooling & washing device
- world patent acquired and coil residue removal device
- Portable and Easy to use
- Produce small particles and effectively disperse them evenly over large areas for total coverage
- Use: cattle sheds, houses, various venues, etc

SPECIFICATIONS	SIZE(mm)	460x1360x400mm
	FUEL	Liquefied butane gas
	FORMULATION TANK CAPACITY	15L (4gal)
	WEIGHT (FULL)	11.5KG

■ **Special Advantage of SE YOUNG's Fogger**
 - No jam of coil and corrosion of pump
 - Maximizing the efficacy of chemical and expanding the range of use



AGRICULTURAL SUPPLIES

HOSE REELS



FEATURE

- Impact by using the material strong and there are no attrition rate
- A smooth turnover when hose along smoothly
- Four-stages of water injection system



MODEL	SYR-100
Hose length(m)	30m
Hose Size(mm)	13mm
Net weight(kg)	5.65kg



MODEL	SYR-101
Hose length(m)	20m
Hose Size(mm)	13mm
Net weight(kg)	4.2kg



MODEL	SYR-102
Hose length(m)	50m
Hose Size(mm)	13mm
Net weight(kg)	11.6kg



MODEL	SYR-103
Hose length(m)	80m
Hose Size(mm)	13mm
Net weight(kg)	15.6kg



MODEL	SYR-104
Hose length(m)	5.57kg
Hose Size(mm)	8.5, 10, 13
Net weight(kg)	5.57kg



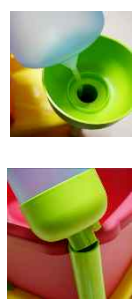
AGRICULTURAL SUPPLIES

SMART GROW POT



FEATURE

- Automatic water supply system
- Eco-friendly material used
- For growing chemical-free vegetables
- Comfortable water supply
- Easy to install and carry
- Various kinds of colors



■ Comfortable Water supply

■ Automatic Water Supply Function

AGRICULTURAL SUPPLIES

PEST CONTROL TRAPPING SYSTEM




FEATURE

- Easy installation in a farmland
- Convenient movement
- Can be used in multi-purpose
- High energy efficiency
- Has a special function fuze : Safety system and easy to control
- Target pest of control

SIZE(mm)	290x400
Power Supply(v)	220
Power Consumption(w)	52
Revolutions per minute(RPM)	1,550
Noise(dB)	30
Applicable Area(m ²)	330~665





■ FUZE TYPE

- Multiple devices can be used by using central control unit
- Fuze is attached to the side of the box
- Individual fuze is burnt out when electrical fault occurs
- * Photosensor attached, automatic lighting management from sunrise to sunset

AGRICULTURAL SUPPLIES

BRUSH CUTTER



FEATURE

- New eco-friendly engine
- Easy to assemble and disassemble
- Micro controller
- Smooth and easy start up
- Emergency stop button for safety

MODEL	SYBR-100
ENGINE	BS43
DISPLACEMENT	42.7CC
FEUL TANK	1.4L
PIPE O/D	24mm
SIZE	2680x310x442mm
WEIGHT	9.8kg



MODEL	SYBR-200
ENGINE	BS43
DISPLACEMENT	42.7CC
FEUL TANK	1.4L
PIPE O/D	24mm
SIZE	2680x310x442mm
WEIGHT	9.8kg



AGRICULTURAL SUPPLIES

MULTI-PURPOSE FARMING TOOLS



- **SCYTHE**
 - * 145x80mm
 - * Patent blade protection
 - * To remove weed, mow grass, harvest cops

FEATURE

- Convenience to use
- Made of particular stainless steel
- Ergonomically designed
- Great for breaking up soil and cutting through weeds
- Smooth hardwood handles



- **HOE**
 - * 200x115mm
 - * Particular stainless steel
 - * To cut a groove, remove weeds, and harvest cops



- **SCYTHE**
 - * 290x85mm
 - * Multipurpose design
 - * To remove weed, plant out seeding, pick out grits



- **PICKAX**
 - * 190x90mm
 - * Multipurpose design
 - * To remove weed, cut a groove before sowing



AGRICULTURAL SUPPLIES

TOOLS

TROWELS



MODEL	SYTR-10
OVERALL LENGTH	295mm
WEIGHT	205g
SURFACE FINISHING	Powder coating



MODEL	SYTR-20
OVERALL LENGTH	295mm
WEIGHT	165g
SURFACE FINISHING	Powder coating



MODEL	SYTR-30
OVERALL LENGTH	345mm
WEIGHT	290g
SURFACE FINISHING	Powder coating



MODEL	SYTR-40
OVERALL LENGTH	270mm
WEIGHT	190g
SURFACE FINISHING	Powder coating

SCISSORS



MODEL	SYSC-10
OVERALL LENGTH	190mm
WEIGHT	180g
SURFACE FINISHING	Hard Chrome



MODEL	SYSC-20
OVERALL LENGTH	160mm
WEIGHT	80g
SURFACE FINISHING	Metal



MODEL	SYSC-30
OVERALL LENGTH	200mm
WEIGHT	200g
SURFACE FINISHING	Hard Chrome



MODEL	SYSC-40
OVERALL LENGTH	200mm
WEIGHT	180g
SURFACE FINISHING	Hard Chrome

PRUNERS



MODEL	SYPR-10
OVERALL LENGTH	185mm
WEIGHT	173g
SURFACE FINISHING	P.T.F.E



MODEL	SYPR-20
OVERALL LENGTH	210mm
WEIGHT	245g
SURFACE FINISHING	P.T.F.E



MODEL	SYPR-30
OVERALL LENGTH	215mm
WEIGHT	200g
SURFACE FINISHING	P.T.F.E



MODEL	SYTP-40
OVERALL LENGTH	215mm
WEIGHT	238g
SURFACE FINISHING	P.T.F.E

TWO HAND SCISSORS AND OTHERS



MODEL	SYTH-10
OVERALL LENGTH	900mm
WEIGHT	900g
SURFACE FINISHING	Alkaline Black



MODEL	SYTH-20
OVERALL LENGTH	690mm
WEIGHT	1,400g
SURFACE FINISHING	P.T.F.E



MODEL	SYTH-30
OVERALL LENGTH	610mm
WEIGHT	1,360g
SURFACE FINISHING	P.T.F.E



MODEL	SYTH-40
OVERALL LENGTH	340mm
WEIGHT	200g
SURFACE FINISHING	S45C



142-18, Sangdong-ro 685beon-gil, Sangdong-myeon, Gimhae-si,
Gyeongsangnam-do, (50804)Korea

Tel +82-55-345-7873

Fax +82-55-345-7874

E-Mail :bizmarine@hanmail.net