







APEX CHEMICAL comes from Wonjin Industry, a company established in 1998.

Wonjin is a leading provider of high-quality PVC water and air pipes in Korea. Now, Wonjin has changed its name to APEX CHEMICAL and started a new journey. With over two decades of expertise, we specialize in delivering durable, efficient, and safe piping solutions for residential, commercial, and industrial applications. Committed to innovation and customer satisfaction, we strive to redefine industry standards while ensuring reliability and excellence in every project. Choose APEX CHEMICAL for superior PVC pipes and exceptional service.



# Braided Hose



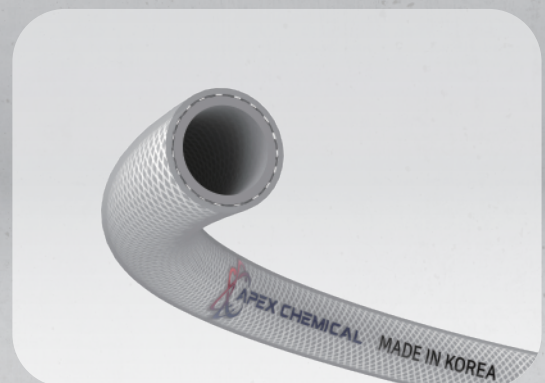
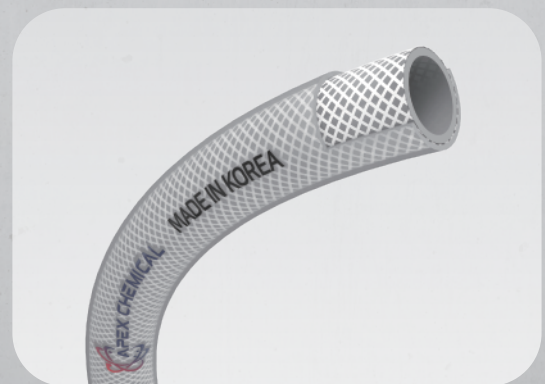
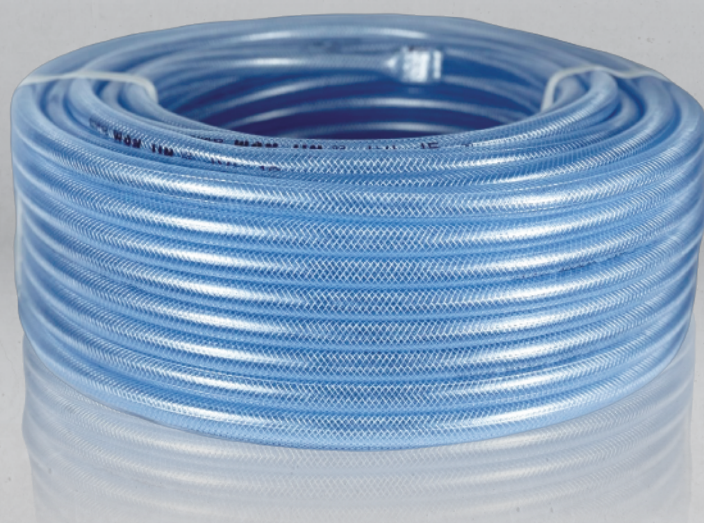
This reinforced yarn braided hose is durable, flexible, and resistant to bending, twisting, and abrasion. It maintains performance under high pressure and is easy to handle in tight spaces. Suitable for water, chemicals, air, and food applications, it performs well across a wide temperature range. Ideal for various industries, it is made from non-toxic materials and resists chemicals, oils, and solvents.

## Features

- Adaptable to Extreme Weather
- Flexible in all weather conditions.
- Durable Outer Cover
- Resistant to abrasion, UV rays, and mold.
- Resists Kinking Under Pressure
- Maintains shape and performance.
- Lightweight and Easy to Handle
- Simple to manage and maneuver.
- Reinforced Mid-Layer provides additional strength.
- Leak-Free Connections.

## Specifics

Specification		Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
(mm)	(inch)					
6	1/4	6	10	90	10	35
8	5/16	8	12	90	10	35
9	3/8	9	13	90	10	32
10	13/32	10	14	90	10	32
12	1/2	12	16	90	8	30
13	1/2	13	17	90	8	25
16	5/8	16	20	45	6	20
19	3/4	19	23	45	5	20
25	1	25	30	45	5	18
35	5/4	35	38	45	4	16





# Braided Hose

The water hose products can be custom-ordered with spray guns and connectors included.  
(See page 10 for details.)

## Water Hose A1



Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
12	1/2	12	16	10	8	30
				15		
				20		
				30		

## Water Hose A2



Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
12	1/2	12	16	10	8	30
				15		
				20		
				30		

## Water Hose A3



Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
12	1/2	12	16	10	8	30
				15		
				20		
				30		

## Water Hose A4



Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
12	1/2	12	16	10	8	30
				15		
				20		
				30		

## Water Hose A9



Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
15	5/8	15	19	30	6	20



# Braided Hose Heavy-Duty Hose/Flex Hose

All products are available for custom order

## Heavy-Duty Hose A5



Grey Yellow

### Features

- Reinforced with a diamond pattern for enhanced pressure resistance.
- Excellent elasticity helps prevent folding, twisting, and kinking.
- Compliant with KC standards – recommended for use between -4°C and +60°C.
- Suitable for homes, livestock farms, gardens, fish markets, greenhouses, and horticultural use.

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
16	5/8	16	20	30	6	20
				50		

## Heavy-Duty Hose A6



Blue Yellow

### Features

- Reinforced with a diamond pattern for enhanced pressure resistance.
- Excellent flexibility and elasticity.
- Lightweight and flexible, suitable for use in all seasons.
- Ideal for homes, livestock farms, gardens, fish markets, greenhouses, and horticultural applications.

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
16	5/8	16	20	30	6	20
				50		

## Heavy-Duty Hose A7



Purple Yellow

### Features

- Reinforced with a diamond pattern for enhanced pressure resistance.
- Excellent elasticity helps prevent folding, twisting, and kinking.
- Compliant with KC standards – recommended for use between -4°C and +60°C.
- Suitable for homes, livestock farms, gardens, fish markets, greenhouses, and horticultural use

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
16	5/8	16	20	30	6	20
				50		

## Heavy-Duty Hose A8



Black Yellow

### Features

- Reinforced with a diamond pattern for enhanced pressure resistance.
- Excellent elasticity helps prevent folding, twisting, and kinking.
- Compliant with KC standards – recommended for use between -4°C and +60°C.
- Suitable for homes, livestock farms, gardens, fish markets, greenhouses, and horticultural use

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
16	5/8	16	20	30	6	20
				50		



# Farm Hose

This product is ideal for light residential, agricultural, and garden use, offering excellent flexibility and resilience for various environments. It is lightweight and easy to handle, making it suitable for a range of applications including homes, barns, gardens, fish markets, and greenhouses.

## Features

### Excellent Flexibility and Resilience

Offers outstanding flexibility and durability.

### UV Resistant

Withstands prolonged exposure to sunlight without easily deteriorating.

### Lightweight and Easy to Handle

Lightweight and flexible, making it user-friendly.

### Versatile Applications

Suitable for homes, barns, gardens, fish markets, greenhouses, and other uses.

## Specifics

Specification		Inner	Outer	Length	Burst Pressure	
(mm)	(inch)	(mm)	(mm)	(mm)	(kgf/cm <sup>2</sup> )	
15	5/8	15	19	30	6	20

## Farm Hose B1



Shining Pearl



## Farm Hose B2



Yellow

## Farm Hose B3



Red

## Farm Hose B4



Blue



# Special-Purpose Hose

## Horizontal Hose C1



Clear

### Specifics

Specification(Φ)	4	5	6	7	8
Length(Meter)	90	90	90	90	90

### Features

- Horizontally Used for Construction
- Transfer of Fluids
- Water Supply for Covering
- Ease of Checking the Transfer of Materials with High Transparency

## Potable Water Hose C2



Lime

### Specifics

Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
15	5/8	15	19	30	6	20

### Features

- Chemically stable and compliant with KC drinking water standards.
- Easy to install.
- High resilience.
- Lightweight and excellent flexibility.

## Sink Hose C3



Grey

### Specifics

Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
16	5/8	16	20	20	6	20

### Features

- **Exceptional Durability** : Made from premium materials, this sink hose maintains its shape and resists damage even under high pressure during regular use.
- **Versatile Use** : Suitable for various applications including kitchen and bathroom sinks, washing machines, and dishwashers.
- **Hygienic and Safe** : Made from non-toxic approved materials, ensuring safety for use with drinking water.
- **Easy Installation and Maintenance** : Compatible with standard connectors for effortless attachment to different sinks.
- **Temperature and Pressure Resistance** : Performs reliably across a wide temperature range and under high pressure.

# Special-Purpose Hose

## Flat Hose C5

### Features

#### Consistent Flow

Suitable for areas with minimal high and low pressure differences for both supply and drainage.

#### Sprinkler Systems

Ideal for farm sprinkler systems, designed to prevent algae buildup with black inner and outer surfaces.

#### Extended Length

Long enough to be used without connectors, making it easy to transport.

#### Durable Construction

Features a high-strength polyester yarn fused between the inner and outer layers, enhancing resistance to internal and external pressure.

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
25	1	25	1.4	100	7.0	35
38	3/2	38	1.4	50	5.0	35
50	2	50	1.4	50	4.5	32



Black

## Maple Syrup Tapping Tube C4



Clear

### Features

#### Exceptional Durability

Resists deformation and damage under extreme conditions and high pressure.

#### Outstanding Flexibility

Easy to handle in tight spaces with minimal kinking.

#### Efficient Sap Collection

Ensures smooth fluid flow for increased productivity.

#### Hygienic and Safe

Made from non-toxic, food-grade materials with a smooth inner surface to prevent contamination.

#### Easy Installation and Maintenance

Compatible with various connectors for straightforward setup and long-term use.

#### Temperature and Pressure Resistance

Reliable performance across a wide temperature range and high pressure.

## Maple Syrup Tapping Tube C4 Black



Black

### Specifics

Specification (mm)	Inner (inch)	Inner (mm)	Outer (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
6	1/4	6	8	9	3



# Industrial Hose



## Air Hose X1



### Features

- **Factory Pneumatic Lines, Assembly Plants, Painting Works, Construction Sites** : Suitable for various industrial applications.
- **For Air Tools and Compressors** : Ideal for use with different air tools and compressors.
- **Mining, Quarries, and Special Applications** : Designed for air supply in mining, quarries, and other specialized uses.
- **Lightweight and Flexible** : Compared to rubber hoses, it is lighter, non-sticky, and flexible, making it easy to use.
- **High Durability** : With double spiral and triple reinforcement, it offers excellent resistance to internal and external pressure and tension, ensuring stability during high-pressure operations.

### Specifics

Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )
6.5	1/4	6.5	11.9	100	10
8	5/16	8.0	13.6	100	10
9.5	3/8	9.5	15.1	100	10
13	1/2	13.0	20.0	100	10
16	5/8	16.0	23.0	100	10
19	3/4	19.0	26.0	50	10
25	1	25.0	32.6	50	10

## Air Hose X2



## Impact Hose X3



### Features

- **Factory, Ship, Construction Sites, Oxygen Welding, and Cutting Equipment** : Suitable for machine piping in various industrial applications.
- **Specially Joined** : Designed to prevent easy separation.
- **High Abrasion Resistance** : Made with PVC and special synthetic rubber for superior durability.
- **Excellent Flame Resistance** : Flame-retardant, flame-resistant, and has a low bend radius.
- **Color-Coded** : Available in green and red for easy identification based on the fluid.

### Specifics

Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
5.0	1/5	5.0	11	100	20	20
6.5	1/4	6.5	12	100	20	20
8.0	5/16	8.0	14	100	20	20

### Features

- **Factory, Ship, Construction Sites, Nail Guns, and Air Tools** : Suitable for various applications including pneumatic tools.
- **High Pressure Resistance** : Designed to withstand high pressure with excellent cold resistance and flexibility.

### Specifics

Specification (mm)	(inch)	Inner (mm)	Outer (mm)	Length (mm)	Burst Pressure (kgf/cm <sup>2</sup> )	
6.0	1/4	6.0	10	10	10	25
				15		
				20		
				30		
				50		
				300		

# Reel Hose

The hose is highly practical with easy mobility and storage. It features adjustable spray flow for efficient water use and reduced wastage. Made from phthalate-free materials, it ensures hygiene and complies with KC drinking water standards.

## Reel Hose E1



A red plastic reel hose with a green hose coiled inside. It has a black handle and a black hose end. The background shows a garden with butterflies.

Specification(Φ)	12	12
Length(Meter)	18	26

## Reel Hose E2



A yellow plastic reel hose with a green hose coiled inside. It has a black handle and a black hose end. The background shows a garden with butterflies.

Specification(Φ)	12	12
Length(Meter)	18	26

## Reel Hose E3



A green plastic reel hose with a grey hose coiled inside. It has a silver handle and a black hose end. The background shows a garden with trees.

Specification(Φ)	12	12	12	12	12
Length(Meter)	5	10	15	20	30

## Reel Hose E4



A green plastic reel hose with a grey hose coiled inside. It has a silver handle and a black hose end. The background shows a garden with flowers.

Specification(Φ)	15
Length(Meter)	40



# Water Gun Spray

Through strategic partnerships with major hose manufacturers in the U.S. and Europe, we offer customized production of over 300 types of spray guns and assembly components. We provide high-quality products and reliable service to meet the unique requirements of our customers

## Water Gun Spray F1



Adjustable Spray Gun Set

## Water Gun Spray F2



6-Pattern spray gun set

## Water Gun Spray F3



7-Pattern spray gun set

## Water Gun Spray F4



7-Pattern spray gun set

## Water Gun Spray F5



7-Pattern torch nozzle

## Water Gun Spray F6



Adjustable High Flow Metal Spray Gun



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