



HOSE PRODUCTS, INC.  
A Kuriyama Group Company

# Armor Belt® Hoses

Applications, Construction, Temperature,  
Features & Advantages and Lengths



**Pressure Testing** - All Piranha Sewer Hoses are 100% pressure tested.

**Armor Belt®** Sewer Cleaning Hose by Piranha® Hose Products, Inc. features an innovative process that adds value to your sewer hose purchase by adding life to the hose. Armor Belt® hose is a must when the application calls for extreme durability while maintaining flexibility. It also improves cut and abrasion resistance. It's the ideal hose for the demanding and harsh environment of sewer cleaning.

## General Applications:

- **Harsh Environments** - Demanding sewer cleaning environments requiring additional abrasion resistance.
- **High Pressure/Abrasion** - High pressure sewer cleaning applications.

## Construction:

- **Inner Tube Material** - Yellow seamless thermoplastic tube.
- **Reinforcement** - High tensile one or two synthetic fiber braids.
- **Polymer Belting** - Protects reinforcement.
- **Cover Material** - Abrasion resistant polyurethane, perforated bonded construction - materials are chemically bonded together.

## Temperature:

- **Service Temperature Range** - See individual hose specifications for temperature ratings.

## Features & Advantages:

- **Patented Armor Belt Construction** - Increases hose abrasion and cut resistance for longer service life. Greatly increased crush resistance. Provides rugged and reliable service.
- **Yellow Seamless Thermoplastic Tube** - Provides maximum resistance to hydrolysis.
- **High Tensile Synthetic Fiber Reinforcement** - Contributes to low volumetric expansion and eliminates loss of strength from moisture absorption.
- **Polyurethane Cover** - Provides fungus resistance.
- **Unique Construction** - All hose components are chemically bonded to maximize hose service life.
- **Optional Slither® Ultra Slick Cover** - Design is also available; check with factory for details.
- **End Fittings** - Hoses are assembled Male X Male NPT threads as a standard, but other thread configurations are available.
- **Slither® Cover Version** - Polyurethane low coefficient of friction. (Optional)

## Industry Standards:

- **Orange Cover** = 2,500 PSI
- **Blue Cover** = 3,000 PSI
- **Green Cover** = 4,000 PSI

## Lengths:

- **Standard Lengths** - Continually leading to create, establish and stock industry standard lengths.
- **Custom Lengths** - Available and made to order.



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



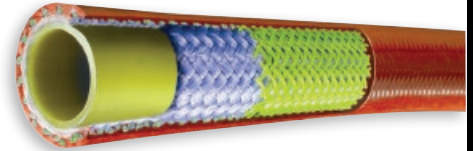
Kuriyama of America, Inc.

[www.kuriyama.com](http://www.kuriyama.com)

- Lightweight
- Extremely durable against normal wear and tear
- Highly abrasive resistant
- Excellent cut resistance
- Greatly increased crush resistance
- Designed to be tougher and last longer



## 2,500 PSI SAOR Series



A yellow polyolefin tube, single high tensile synthetic fiber braid reinforcement, rugged polymer belting and abrasion resistant orange polyether-urethane cover.

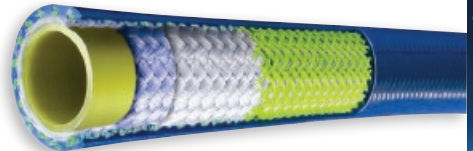
### Nominal Specifications

Service Temperature Range: -40°F (-40°C) to +150°F (+66°C)

Series Number	ID		OD		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	
SAOR-12	3/4	19.1	1.31	33.3	2500	172.4	6250	430.9	5.00	127.0	0.36
SAOR-16	1	25.4	1.55	39.4	2500	172.4	6250	430.9	6.00	152.4	0.50
SAOR-20	1 1/4	31.8	1.87	47.5	2500	172.4	6250	430.9	7.00	177.8	0.66



## 3,000 PSI HABU Series



A yellow polyolefin tube, double high tensile fiber braid reinforcement, rugged polymer belting and abrasion resistant blue polyether-urethane cover.

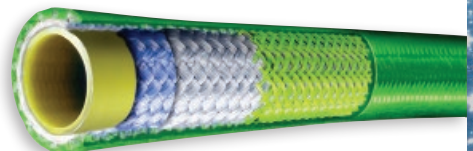
### Nominal Specifications

Service Temperature Range: -40°F (-40°C) to +150°F (+66°C)

Series Number	ID		OD		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	
HABU-12	3/4	19.4	1.32	33.5	3000	206.8	7500	517.1	5.00	127.0	0.39
HABU-16	1	25.4	1.56	39.6	3000	206.8	7500	517.1	8.00	203.2	0.53



## 4,000 PSI LAGR Series



A yellow polyolefin tube, double high tensile synthetic fiber braid reinforcement, rugged polymer belting and abrasion resistant green polyether-urethane cover.

### Nominal Specifications

Service Temperature Range: -40°F (-40°C) to +190°F (+87°C)

Series Number	ID		OD		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius		Weight (lbs/ft)
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	
LAGR-08	1/2	12.7	1.00	25.4	4000	275.8	10000	689.5	3.00	76.2	0.19