



Caplugs offers a full line of hose protection. From the industry-leading Pig's Tail™ Tail Spiral Wrap to our anti-abrasion sleeve, Caplugs provides a hose protection solution for every application and environment. Manufactured under our stringent ISO certified quality management system, we ensure consistent, quality products.

# Comprehensive Line of Hose Guard



**Pig's Tail™ Spiral Wrap** is manufactured from 100% virgin high density polyethylene (HDPE). It is easy to install and designed to provide heavy-duty protection for hydraulic hoses.



**Fire-Resistant Anti-Static (FRAS) Wrap** is a conductive thermoplastic compound on a polyethylene base, designed and certified for safe usage in mines and underground applications. FRAS Wrap has an extremely good balance of mechanical properties and has been tested to MSHA #IC-264/O, AS1180.10B, AS1180.13A and AS2600.



**NightGlow Spiral Wrap** developed from tough HDPE and photoluminescence not only protects your hoses and cables but also emits light, allowing for easy identification of hydraulic lines, equipment and static objects in low light or nighttime conditions. Fluorescent glow lasts up to 12 hours.



**Service Plugs** are designed to plug hoses, rigid pipes, spoon valves and ports on pumps and motors to prevent oils and chemicals from contaminating the environment and preserve costly oils and liquids inside the system during maintenance. No tools required.



**Anti-Abrasion Sleeve** is a tough textile sheath suitable for hydraulic and pneumatic applications. Provides excellent protection against extreme temperatures and abrasion.

- Highly durable
- Resistant to most solvents, oils, acids and alkalis
- MSHA Certified #IC-281
- Protects people and equipment from bursting hoses



**Electrical Guard** is a low-density polyethylene wrap designed to wrap bundles of wires to make neat looms and protect the conductors. It will accommodate a large range of diameters and allows breakouts at any point. Wrap is lightweight and flexible.



**Wrapman** is designed to wrap Pig's Tail protective spiral wrapping onto hydraulic hoses.

- Increases wrapping speeds
- Two mounting lugs (to clamp in vice)
- Wraps hose assemblies from 1/8 to 2 in.
- Easy operation; adjustable screw-in locator



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.



Pig's Tail™ Spiral Wrap is a high-density polyethylene (HDPE) protective spiral wrap designed specifically for heavy-duty bundling and protection of hydraulic and pneumatic hoses used across various industries. The spiral wrap is UV resistant and can handle extreme temperatures from -40°F through 280°F. It serves as a cost-effective and quick method for minimizing heavy production losses. It protects against losses and damages caused by depreciation, abrasion, regular misuse, poor maintenance or severe working environments. Plus, the wrap's round beveled edges allow for safe and easy installation.

# Standard Pig's Tail™ Spiral Wrap

## When Ordering:

### 1. Select your part number 2. Select the roll size 3. Select your color

Combine these three elements to get a part number you can order with by adding together:

Part Number + Roll Size + Color Code (BLK, RED, YEL or BLU).

For example: Part Number (R9SSG) + Roll Size (495) + Color Code (BLK) = R9SSG495BLK.

All standard Pig's Tail™ Spiral Wrap sizes are available in:



Color Code: **BLK**



Color Code: **YEL**



Color Code: **RED**



Color Code: **BLU**

Part Number	Nominal Dimensions			Roll Size* ft.	Typical Uses	Minimum Hose OD in.
	ID in.	Wall in.	Helix - Band Width in.			
<b>R9SSG</b> (black only)	.28	.06	.25	495	Electrical Harnesses	5/16
<b>R12SSG</b>	.40	.06	.40	165	Electrical Harnesses and Single Phase Leads	3/8
<b>R16SSG</b>	.45	.06	.48	66	Single and Three Phase Leads	1/2
<b>R20SSG</b>	.55	.07	.57	66	Air Hoses and Hydraulic Hoses	5/8
<b>R25SSG</b>	.80	.08	.82	66	Air Hoses and Hydraulic Hoses	15/16
<b>R32SSG</b>	1.00	.09	.94	66	Heavy-Duty Cables and Hydraulic Hoses	1-1/8
<b>R40SSG</b>	1.26	.09	1.18	66	Hydraulic Hoses	1-3/8
<b>R50SSG</b>	1.50	.12	1.38	66	Hydraulic Hoses and Electrical Wiring	1-3/4
<b>R63SSG</b>	2.00	.14	1.57	66	Hydraulic Hoses	2-1/4
<b>R75SSG</b>	2.40	.15	1.60	66	Heavy-Duty Hydraulics	2-5/8
<b>R90SSG</b>	2.83	.18	1.78	66	Heavy-Duty Hydraulics and Hydraulic Hose Bundling	3
<b>R110SSG</b>	3.43	.22	2.17	40	Heavy-Duty Hydraulics and Hydraulic Hose Bundling	3-7/8
<b>R125SSG</b> (not available in blue or red)	4.48	.22	2.17	40	Heavy-Duty Hydraulics and Hydraulic Hose Bundling	4
<b>R140SSG</b> (not available in blue or red)	5.07	.22	2.17	27	Heavy-Duty Hydraulics and Hydraulic Hose Bundling	4-1/2
<b>R160SSG</b> (not available in blue or red)	5.87	.22	2.36	20	Heavy-Duty Hydraulics and Hydraulic Hose Bundling	5

\* Roll size availability may differ based on color. Please contact customer service to confirm.



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.



## Formula for Spiral Length

$$\text{HOSE OD} \div \text{SPIRAL ID} \times \text{HOSE LENGTH} = \text{Spiral Length}$$

### Measurement Example:

If you have a 33 ft. hose with an OD of 1.57 in., using the recommended R40SSG, which has an ID of 1.26 in., you would require 41 ft. of R40SSG.

# Spiral Wrap Sizing Chart

## 100% Virgin Polyethylene

- Excellent abrasion resistance and durability
- Very flexible yet durable
- Protects from -40°F to +280°F

## User Friendly

- Beveled edges won't cut hose or user
- Wall thickness designed for easy installation
- Pitch designed to prevent leapfrogging
- Install without removing fittings
- Can cover only specific areas

## Multiple Sizes

- Broad size range to wrap almost any hose
- Larger sizes for bundling multiple hoses/cables
- Proper sizing prevents wrap from sliding on hose

Part Number	Fitting	Nominal Dimensions		
	Hose OD Range in.	ID in.	Wall Thickness in.	Helix - Band Width in.
R9SSG	.28 - .51	.28	.06	.25
R12SSG	.39 - .66	.40	.06	.40
R16SSG	.47 - .86	.45	.06	.48
R20SSG	.62 - 1.06	.55	.07	.57
R25SSG	.86 - 1.37	.80	.08	.82
R32SSG	1.06 - 1.69	1.00	.09	.94
R40SSG	1.30 - 2.17	1.26	.09	1.18
R50SSG	1.65 - 2.52	1.50	.12	1.38
R63SSG	2.05 - 2.95	2.00	.14	1.57
R75SSG	2.56 - 3.80	2.40	.15	1.60
R90SSG	3.15 - 4.30	2.83	.18	1.78
R110SSG	3.80 - 4.90	3.43	.22	2.17
R125SSG	4.50 - 5.50	4.48	.22	2.17
R140SSG	4.80 - 6.00	5.07	.22	2.17
R160SSG	5.70 - 7.00+	5.87	.22	2.36

Unique manufacturing process allows wrap to maintain spiral shape even after stretching. Wrap will recoil back to original form.



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.





Fire-Resistant Anti-Static (FRAS) Pig's Tail™ wrap is a conductive thermoplastic compound on a polypropylene base. Conductivity is achieved by using special conductive carbon black. In addition to low electrical resistivity, FRAS is flame retardant and has an extremely good balance of mechanical properties.

# Fire-Resistant Anti-Static (FRAS) Pig's Tail™ Spiral Wrap

TESTED TO MSHA #IC-264/0, AS 1180.10B, AS 1180.13A, AS2600

FRAS Pig's Tail™ is available in BLACK only:



Black

MSHA APPROVED

Part Number	Nominal Dimensions			Feet Per Box
	ID in.	Wall in.	Helix- Band Width in.	
FRAS12	.40	.06	.40	165
FRAS16	.45	.06	.48	66
FRAS20	.55	.07	.57	66
FRAS25	.80	.08	.82	66
FRAS32	1.00	.09	.94	66
FRAS40	1.26	.09	1.18	66
FRAS50	1.50	.12	1.38	66
FRAS63	2.00	.14	1.57	66
FRAS75	2.40	.15	1.60	66
FRAS90	2.83	.18	1.78	66
FRAS110	3.43	.22	2.17	33



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.



Developed from high density polyethylene (HDPE) and photoluminescence, NightGlow not only bundles and protects your hoses, it also emits light, allowing easy identification of hydraulic lines, equipment and static objects in low light or nighttime conditions. The fluorescent glow is clearly visible for up to 12 hours and allows burst or ruptured hoses to be identified even in the dark.

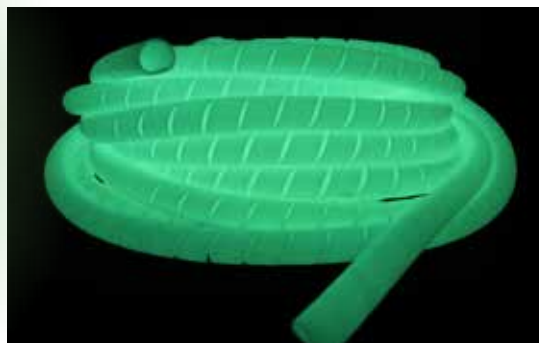
# NightGlow Protective Wrapping

## NIGHTGLOW

Protective Wrapping  
is perfect for:

- Mining Equipment
- Earthmoving Equipment
- Farming Equipment  
& Fence/Gate identification
- Boating & Marine
- Health & Safety
- Camping
- Fishing

**Ideal for safety applications,  
ensuring visibility of lines in  
low light environments**



### Provides Visibility

- Charged by any light source. Charge all day and glow all night.
- Charge lasts up to 12 hours
- Wrap around any hose, cable or wire for safety and visibility

### Working temperature from -40°F to +158°F

Part Number	Hose OD Range in.	ID in.	Wall Thickness in.	Helix - Band Width in.	Feet Per Box
N12SSG	.39 - .66	.40	.06	.40	165
N16SSG	.47 - .86	.45	.06	.48	66
N20SSG	.62 - 1.06	.55	.07	.57	66
N25SSG	.86 - 1.37	.80	.08	.82	66
N32SSG	1.06 - 1.69	1.00	.09	.94	66
N40SSG	1.30 - 2.17	1.26	.09	1.18	66
N50SSG	1.65 - 2.52	1.50	.12	1.38	66
N63SSG	2.05 - 2.95	2.00	.14	1.57	66
N75SSG	2.56 - 3.80	2.40	.15	1.60	66
N90SSG	3.15 - 4.90	2.83	.18	1.78	66
N110SSG	3.80 - 5.90+	3.43	.22	2.17	40

Formula for Spiral Length = HOSE OD ÷ SPIRAL ID x HOSE LENGTH



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.



## Prevent Spills, Protect the Environment

- All plug types for multiple application usage
- Food line is made in FDA approved material
- Temperature range: -13°F - +194°F
- Resistant to most oils and chemicals
- For non-pressurized systems only
- Always clean before reuse
- Does not contain silicone

# Service Plugs

**NO TOOLS REQUIRED, JUST GRAB & SEAL**

**1. INSERT 2. PUSH 3. TWIST TO SEAT**

**MICRO**



**STD**



**XL**



**MIX  
PACK**



\*Not actual size.

## INDUSTRIAL SERVICE PLUGS



INDUSTRIAL SERVICE PLUGS				
Part Number	Description	Size Range	Quantity Per Pack	Color
PTSP-MICRO	Micro	.04" - .40"	20	Yellow
PTSP-MIX	Mixed Pack - 4 Micro   4 Std   2 XL	.04" - 1.70"	10	Yellow
PTSP-ST	Standard	.16" - .91"	10	Yellow
PTSP-XL	XL	.47" - 1.70"	4	Yellow
PTIND-SM	Small - Single Plug	1.40" - 3.10"	1	Yellow
PTIND-XL	XL - Single Plug	2.40" - 5.10"	1	Yellow

## FOOD LINE SERVICE PLUGS



FOOD LINE SERVICE PLUGS				
Part Number	Description	Size Range	Quantity Per Pack	Color
PTFL-MICRO	Micro	.04" - .40"	20	Natural
PTFL-MIX	Mixed Pack - 4 Micro   4 Std   2 XL	.04" - 1.70"	10	Natural
PTFL-ST	Standard	.16" - .91"	10	Natural
PTFL-XL	XL	.47" - 1.70"	4	Natural
PTFLIND-SM	Small - Single Plug	1.40" - 3.10"	1	Natural
PTFLIND-XL	XL - Single Plug	2.40" - 5.10"	1	Natural



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.



This very tough, high-quality textile sheath is particularly suitable for the hydraulic and pneumatic sectors. It can be used to bundle multiple hoses or protect a single hose. Thanks to the toughness of the material used, it has optimum resistance to mechanical stress and is compatible with oils and organic products.

# Anti-Abrasion Sleeve

- Highly durable
- MSHA certified #IC-281
- Resistant to most solvents, oils, acids and alkalis
- Protect people and equipment from bursting hoses
- Customized lengths possible on request

Working temperature from -40°F to +158°F

Part Number	Nominal Dimensions		Weight lbs.	Feet Per Box
	ID in.	Width in.		
HS-20	.80	1.30	6.2	330
HS-25	1.00	1.60	7.9	330
HS-30	1.20	1.90	9.5	330
HS-35	1.40	2.25	10.8	330
HS-40	1.60	2.60	12.3	330
HS-50	2.00	3.15	15.7	330
HS-70	2.80	4.40	21.2	330
HS-102	4.00	6.40	34.2	330
HS-150	6.00	9.30	50.7	330



1.888.CAPPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.

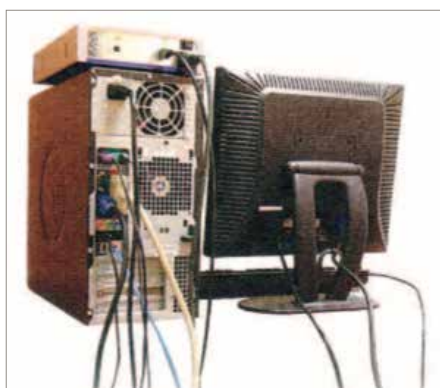


Electrical guard is designed to wrap around bundles of wires to make neat looms and protect the conductors.

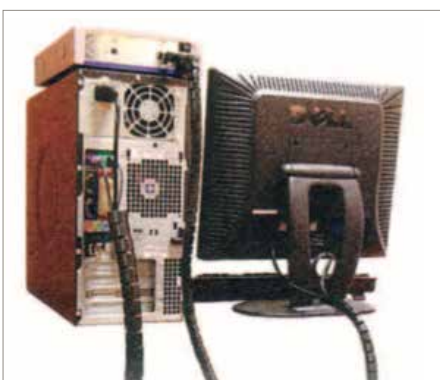
Lightweight and flexible, it will accommodate a large range of diameters and allow break-outs at any point.

# Electrical Guard

## Low Density Polyethylene Spiral Wrap



Without Electrical Guard



With Electrical Guard

### Electrical guard is available in:

**Natural (indoor use only)**

**Black (indoor and outdoor use)**

#### Black

Part Number	Nominal Internal and External Dimensions			Feet Per Box
	ID in.	OD in.	Wall Thickness in.	
<b>E12SSGB</b>	.40	.50	.04	100
<b>E16SSGB</b>	.55	.63	.04	100
<b>E20SSGB</b>	.69	.79	.05	100
<b>E25SSGB</b>	.83	1.00	.07	100

#### Natural

Part Number	Nominal Internal and External Dimensions			Feet Per Box
	ID in.	OD in.	Wall Thickness in.	
<b>E12SSGN</b>	.40	.50	.04	100
<b>E16SSGN</b>	.55	.63	.04	100
<b>E20SSGN</b>	.69	.79	.05	100
<b>E25SSGN</b>	.83	1.00	.07	100



1.888.CAPLUGS | [www.caplugs.com/spiralwrap](http://www.caplugs.com/spiralwrap) | [sales@caplugs.com](mailto:sales@caplugs.com)

© Protective Industries, Inc. 2019. The information contained herein is proprietary to Caplugs and may not be used or disseminated inappropriately. All trademarks, except where noted, are property of Protective Industries, Inc.