

## HOSE ACCESSORIES

### Partek Wrap

The need for a protective hose sleeve is not always considered while designing for a hose's application. Many hose assembly installations would benefit from a sleeve, but it is not obvious until all the other hoses and components are in place. Parker's Partek Wrap enables the hose sleeve to be installed after the hose assemblies have been positioned and secured in place. The Partek Wrap can be used as extra abrasion protection or to wrap multiple hoses or cables together.

#### Product Features

- Post assembly installation
- Light weight and highly flexible
- Urethane-coated 1050 Ballistic Nylon
- Ambient temperature range of -60°F to +200°F
- Fast and easy installation
- MSHA Certified for use in underground mines
- Stays closed using hook & loop fastener



### Partek Wrap

Part Number	Bundle O.D. inch	Circumference inch	Open Width (+/- 0.375) inch	Roll Length feet	Color
PS-BV-100	1	3.25	4.00	50	Black
PS-BV-200	2	6.00	7.75	50	Black
PS-BV-300	3	9.40	10.90	50	Black
PS-BV-400	4	12.50	14.00	50	Black
PS-BV-500	5	15.75	17.25	50	Black
PS-BV-700	7	22.00	23.50	50	Black



1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

1"

1-1/4"

1-1/2"

2"

A

# Protective Coils, Sleeves & Guards

B

C

D

## Partek Sleeve

Parker's Partek Nylon Protective Sleeving gives you tough hose abrasion protection two ways. First, per the ISO 6945 specification, Partek has a unique tubular weave nylon construction. Partek "AS" is strong enough to withstand greater than 200,000 abrasion cycles without wearing through the fabric at any location.

Partek "PS" can withstand greater than 50,000 abrasion cycles. In addition, this weave also gives an exceptionally smooth interior wall, allowing rubber hose to move freely inside the sleeve. This provides easy installation and prevents any internal abrasion problems. Partek sleeving is available in either black or yellow and in sizes to fit most hydraulic hose. Partek, the quick and easy solution to hose protection in high-abrasion areas.



## PolyGuard

Parker's PolyGuard is a black, heavy-duty polyethylene shield that provides protection in rugged operating conditions. PolyGuard is used to prevent hose assemblies from abrasion and cuts while also minimizing kinking of the hose. PolyGuard can be used to bundle high-pressured hose lines.

PolyGuard can be installed without removing hose lines and without the use of clamps for easy installation. This shield resists water, oil, gasoline, hydraulic fluid and most solvents.

Use the formula below to determine the length of sleeve required.

Temperature Range: 0°F to +200°F  
(-17°C to +93°C)

**Caution:** This material will support combustion.  

$$\frac{\text{Hose O.D.} \times \text{Length to be Protected}}{\text{Dimension A}} + \text{Dimension B}$$



## ParKoil

Parker's ParKoil is a lower-cost protection shield for applications that call for a tighter bend radius and are less demanding. ParKoil is easy to install and is used to prevent hose assemblies from abrasion and cuts while also minimizing kinking of the hose. ParKoil is great for bundling high-pressured hose lines.

Use the formula below to determine the length of sleeve required.

Temperature Range: 0°F to +200°F  
(-17°C to +93°C)

**Caution:** This material will support combustion.

$$\frac{\text{Hose O.D.} \times \text{Length to be Protected}}{\text{Dimension A}} + \text{Dimension B}$$



Partek Sleeve (Black) Part Number	Partek Sleeve (Yellow) Part Number	Partek PS Sleeve (Black) Part Number	Inside Dia.	
			A	B
AS-B-11	AS-Y-11	PS-B-13	1.07	0.69
AS-B-13	AS-Y-13	PS-B-15	1.34	0.86
AS-B-15	AS-Y-15	PS-B-17	1.66	1.06
AS-B-17	AS-Y-17	PS-B-19	1.92	1.22
AS-B-19	AS-Y-19	PS-B-22	2.12	1.35
AS-B-22	AS-Y-22	PS-B-27	2.24	1.42
AS-B-27	AS-Y-27	PS-B-33	2.55	1.63
AS-B-33	AS-Y-33	PS-B-35	2.85	1.81
AS-B-35	AS-Y-35	PS-B-37	3.43	2.19
AS-B-37	AS-Y-37	PS-B-39	3.73	2.38
		PS-B-45	4.12	2.63
		PS-B-47	4.53	2.88
AS-B-47			4.90	3.13
AS-B-58			5.69	3.63
AS-B-64			6.81	4.00

Part Number	Inside Diameter "A" (inch)	Coil Width "B" (inch)
HG-075	0.75	0.95
HG-100	1.00	1.25
HG-125	1.25	1.35
HG-150	1.50	1.50
HG-200	2.00	1.60
HG-350	3.50	1.95

**WARNING:** This product can expose you to chemicals including N-Hexane, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

Part Number	Inside Diameter "A" (inch)	Coil Width "B" (inch)
PG-038	0.38	0.25
PG-050	0.50	0.40
PG-062	0.62	0.40
PG-075	0.75	0.40
PG-088	0.88	0.40
PG-100	1.00	0.65
PG-119	1.19	0.65
PG-138	1.38	0.65
PG-188	1.88	0.65

1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

1"

1-1/4"

1-1/2"

2"

## Protective Coils, Sleeves & Guards

### Spring Guard

Parker's Spring Guard prolongs the life of hose lines that are exposed to rugged operating conditions. They distribute bending radii to avoid kinking in the hose lines and protects hose from abrasion and deep cuts. Guards are constructed of steel wire and plated to resist rust.

Spring Guard is packaged in 10 ft. pieces.



### Polyguard Strain Reliever

The Polyguard Strain Reliever is designed to limit kinking of hose assemblies. These strain relievers are made from flexible PVC making them easy to install and use.

Temperature Range: -40°F to +225°F  
(-40°C to +107°C)



Spring Guard Part Number	Inside Diameter
SG-050	0.50
SG-060	0.60
SG-066	0.66
SG-072	0.72
SG-084	0.84
SG-097	0.97
SG-106	1.06
SG-113	1.13
SG-122	1.22
SG-131	1.32
SG-155	1.55
SG-166	1.66
SG-182	1.82
SG-209	2.09
SG-220	2.20
SG-232	2.32
SG-292	2.92

Part Number	Length (inch)	Hose O.D. (inch)
4PG	7	0.53
6PG	7	0.63
7PG	7	0.69

**WARNING:** This product can expose you to chemicals including DNP, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



1-1/4"

1-1/2"

2"

A

## Firesleeve (FS-F)

Parker Firesleeve is a flame resistant sheath that protects the hose from extreme temperature conditions. Firesleeve easily slides over hoses and readily expands over fitting. It can be assembled with Parker FSC or properly sized wormgear clamp.

**Construction:** Braided fiberglass sleeve and an orange, bonded and seamless silicone rubber cover.

**Specifications:** Conforms to SAE Aerospace Standard 1072E.

**Temperature Range:** -54°C to +260°C (-65°F to +500°F).

**Note:** The Firesleeve inside dimension (I.D.) must exceed the outside diameter (O.D.) of the hose and offer an allowance for easy hose insertion. For example, 201-16 has a 1.23 in. O.D. FS-S-24, with an I.D. of 1.46 in., is the suggested Firesleeve.

B

C



**Firesleeve (FS-F)**



**FSC Clamp (FSC)**  
(One size fits all hoses up to 2 inch O.D.)

D

### Certifications and Specifications

- UL 1441 Certified
- VW1 Flame Test Certified
- MSHA Certified for use in underground mines
- SAE AS1072E
- GL - Germanischer Lloyd Certified for 800°C for 30 minutes
- BS EN 373 Molten Splash Tested
- BS EN 388 Abrasion Tested
- BS EN ISO 6940 Flame Resistance Tested
- BS EN ISO 6530 Oil Resistance Tested
- BS 2576 Tensile Strength Tested
- DIN 54837 / 5510-2 Rail Vehicle Certified for Resistance to Combustibility
- ASTM C177 Thermal Conductivity
- DIN 5659-2 /5510-2 Rail Vehicle Certified for Toxicity

### FS-F Sizes

Part Number	Inside Diameter
FS-F-10	0.58
FS-F-11	0.65
FS-F-12	0.71
FS-F-14	0.84
FS-F-16	0.96
FS-F-18	1.08
FS-F-20	1.21
FS-F-22	1.34
FS-F-24	1.46
FS-F-28	1.72
FS-F-30	1.84
FS-F-32	1.96
FS-F-38	2.34
FS-F-40	2.46
FS-F-48	2.96
FS-F-60	3.71

**WARNING:** This product can expose you to chemicals including respirable glass fibers, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

### Firesleeve Assembly Instructions

1. Cut Firesleeve to the same length as hose.
2. Crimp one end of hose. Slide Firesleeve over uncrimped end of hose.
3. Push Firesleeve back from uncrimped end of hose and crimp second fitting on hose. Align the Firesleeve so it covers the crimp shell on both ends.
4. Clamp Firesleeve in place using the FSC Clamp.

1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

1"

1-1/4"

1-1/2"

2"

## Protection Shields

Prevent hose abrasion while extending your hose life. Parker Hose Protection Shields extend hose life by protecting the hose from abrasion that occurs when hose rubs against other hose, metal or concrete. Parker hose shields are resistant to oil, lubricants, gasoline, most solvents and can withstand ambient temperatures from -40° to +300° F. Easily installed and secured by cable ties without disconnecting any hose lines. Use with hose from 1/4" to 2" I.D.

### Assembly Instructions

These flexible protectors simply clamp around the hose and are securely held in place by nylon cable ties which are included. The cable ties are recessed in molded grooves to protect them from abrasion. **You don't need to disconnect a line to install a Parker Hose Protector Shield the way you do with a continuous tubular sleeve. Just wait until the installation is up and running to see exactly where contact needs to be prevented.**

Parker Hose Protector Shields are available in bulk quantities and in convenient assortments in 4", 6" and 8" sizes. Cable ties are included with all protectors and are also available in bulk.

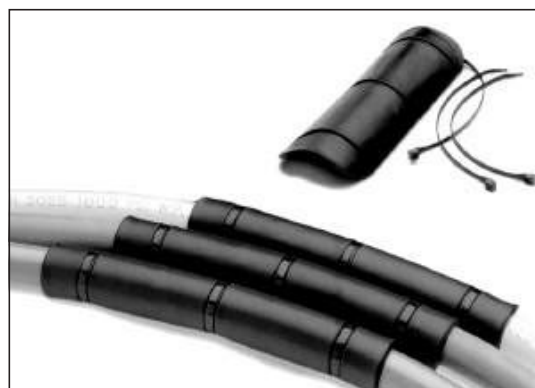
### Retail Counter Display

Part number: HP-B-13X18

Kit Includes:	
20 - 4" Hose Protectors (HP-B-13)	
60 - Tie Wraps (HT-12) for HP-B-13	
20 - 6" Hose Protectors (HP-B-15)	
60 - Tie Wraps (HT-16) for HP-B-15	
20 - 8" Hose Protectors (HP-B-18)	
60 - Tie Wraps (HT-22) for HP-B-18	

### Display Refills

Part Number	Description
HP-B-13-RFL	10 - 4" Hose Protectors (HP-B-13) 30 - Tie Wraps (HT-12)
HP-B-15-RFL	10 - 6" Hose Protectors (HP-B-15) 30 - Tie Wraps (HT-16)
HP-B-18-RFL	5 - 8" Hose Protectors (HP-B-18) 15 - Tie Wraps (HT-22)
HT-12-KIT	30 - Tie Wraps (HT-12) for HP-B-13 Hose Protector
HT-16-KIT	30 - Tie Wraps (HT-16) for HP-B-15 Hose Protector
HT-22-KIT	15 - Tie Wraps (HT-22) for HP-B-18 Hose Protector



Retail Counter Display

**Note:** Parker Hose Protector Shield products are intended to prevent damage. They are not suitable as patches or repairs for lines which are already damaged or worn beyond safe use standards.

1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

1"

1-1/4"

1-1/2"

2"



A

## PSG – Pioneer Spiral Guard



### Features

- High-strength and resilient, Spiral Guard protects hose and cable with superior anti-crush performance
- Exceptionally smooth facing and rounded edges prevent Spiral Guard from getting caught on rough surfaces
- Easy installation and routing
- Low friction interior minimizes wear on hose
- For bundling, organizing and protecting hose and cable, Parflex Spiral Guard is the superior solution for mining operations - In fact, it delivers more advantages than cut pipe or sleeving at a competitive price or less
- Manufactured with high density polyethylene materials
- Spiral Guard is available in:
  - An MSHA/FRAS approved version
  - A standard version (with yellow stripe) for surface applications not requiring fire-resistant, anti-static properties

B

C

D

# Part Number	Hose O.D. Range		Package Qty.		1-Wire Braid Size		2-Wire Braid Size		Multi-Spiral Size		Weight	
	inch	mm	feet	mtr.	inch	mm	inch	mm	inch	mm	lbs/ft	kg/mtr
PGS 12	.394 - .512	10 - 13	65.6	20							0.34	.015
PSG 16 FRAS or PSG 16	.472 - .669	12 - 17	65.6	20	1/4	6	1/4	6			0.40	.018
PSG 20 FRAS or PSG 20	.630 - .866	16 - 22	65.6	20	3/8	10	3/8	10	3/8	10	.060	.027
PSG 25 FRAS or PSG 25	.866 - 1.10	22 - 28	65.6	20	1/2	13	1/2	13	1/2	13	.101	.046
PSG 32 FRAS or PSG 32	1.06 - 1.30	27 - 33	65.6	20	3/4	19	5/8	16	5/8	16	.151	.068
PSG 40 FRAS or PSG 40	1.30 - 1.65	33 - 42	65.6	20	1	25	3/4	19	1	25	.235	.107
PSG 50 FRAS or PSG 50	1.65 - 2.17	42 - 55	65.6	20	1-1/4	32	1	25	1-1/4	32	.268	.122
PSG 63 FRAS or SPG 63	2.05 - 2.56	52 - 65	65.6	20	1-1/2	38	1-1/2	38	1-1/2	38	.402	.182
PSG 75 FRAS or PSG 75	2.56 - 3.15	65 - 80	32.8	10	2	51	2	51	2	51	.637	.289
PSG 90 FRAS or PSG 90	3.15 - 5.91	80 - 150	32.8	10							.771	.350
PSG 110 FRAS or PSG 110	5.91 - above	150 - above	32.8	10							1.00	.454

**WARNING:** This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



1/4"

5/16"

3/8"

1/2"

5/8"

3/4"

1"

1-1/4"

1-1/2"

2"