

## Protected hose assemblies live longer

In places where the hose assembly is exposed to severe mechanical strain, additional hose protectors such as guards, sleeves etc. have proven to be a good solution. The spring guards or armor guards, for example, prevent kinking of the hose and are the ideal protection against extreme abrasion or possible damage from the outside. Before the fitting is crimped to the hose, the guard needs to be pushed onto the hose – so please remember to order the guards together with your order of hose assembly components.

For some applications it is an advantage to bundle hose assemblies with plastic hose protector coils or sleeves so that they make compact units. For this purpose we recommend using PolyGuard protectors, ParKoil hose protectors and Partek Wraps. Partek Wraps hose sleeves are designed for bundling hose assemblies after installation.

Parker offers a broad range of accessories to work smarter, faster and better!

### Spring Guard (SG )

Parker spring guard prolongs the life of your hose lines that are exposed to rugged operating conditions. It distributes bending radii to avoid kinking in hose lines and protect hose from abrasion and deep cuts. Guards are constructed of steel wire and plated to resist rust. See page **Eb-12**

### PolyGuard & Parkoil (HG & PG)

Protect and bundle your hoses with these spiral guards that minimize kinking and cannot rust. Both the PolyGuard and Parkoil install without removing the hose. See page **Eb-18** and **Eb-19**

### Partek (AS & PS)

Nylon woven protective sleeving gives you tough hose abrasion resistance with two versions of coverage – standard “AS” and a lighter “PS” – both providing protection and bundling capability. See page **Eb-14** and **Eb-15**

### Minesleeve (DMS)

Best abrasion resistance without adding stiffness to hose assemblies and exceeds the MSHA specifications for flame resistance and flame propagation. See page **Eb-16**

### Firesleeve (FS-F)

A flame-resistant sheath that protects your hose from extremely high temperature conditions. See page **Eb-17**

### Partek Wrap (PS-BV)

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. 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. See page **Eb-20**

### Hose Shields (HP-B)

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 °C to +150 °C. Easily installed and secured by cable ties without disconnecting any hose lines. See page **Eb-21**



## SG – Spring Guard

Spring Guards protect the hose cover against abrasion and are constructed of steel wire and plated to resist rust.



Hose \ Part I.D. mm Number	SG-060	SG-066	SG-072	SG-084	SG-097	SG-106	SG-113	SG-122	SG-131	SG-155	SG-166	SG-182	SG-209	SG-220	SG-232	SG-270
	15,20	16,75	18,25	21,30	24,60	26,90	28,70	30,95	33,25	39,35	42,15	46,20	53,05	55,85	58,90	68,55
201, 206, 221FR, 244	-4	-5	-6	-8	-10		-12		-16	-20		-24			-32	
213, 285, 293	-4/-5	-6		-8	-10	-12			-16	-20		-24		-32		
301SN, 304		-4	-5	-6	-8	-10		-12		-16			-20		-24	
421RH, 421SN, 421TC, 426, 436, 441, 441RH, 461LT, 462, 462TC, 462ST, 462PU, 463, 471TC, 493, 611HT, 681, 681DB, BCH2, HT2	-4	-5	-6	-8	-10		-12			-16		-20	-24			-32
492, 492TC, 492ST, BCH1, 692, 692PU, 692TC	-4/-5	-6		-8	-10		-12			-16	-20					
372, 372RH, 372TC, 371LT, SR, SRTC					-6	-8		-10	-12		-16		-20		-24	
F42						-8										
SRI42, SRI42TC									-12		-16		-20		-24	
801PLUS, 801RH, 804, 821FR, 830M, 836, 837BM, 837PU, 838M, 846	-4/-5	-6		-8	-10		-12		-16							
811, 881, H29, H29ST, H29TC									-12	-16		-20		-24		-32
H31, H31ST, H31TC			-4		-6	-8		-10	-12		-16					
R35, R35TC									-12		-16	-20			-24	
R42, R42ST, R42TC								-10	-12		-16		-20		-24	
R50TC, R56TC			-4		-6	-8		-10	-12	-16			-20			
787, 787TC, 787ST, 797, 797TC, 797ST, 797RH	-4		-6		-8	-10		-12		-16		-20		-24		-32
722, 722TC, 722ST				-6	-8		-10		-12	-16						
412, 412ST	-4/-5 -6															
477, 477RH, 477TC, 477ST, 387, 387TC, 387ST, 487, 487TC, 487ST	-4	-5	-6	-8	-10		-12			-16			-20	-24		-32
SX35LT, SX42LT									-12	-16			-20			
BPK					-6	-8				-12		-16				
FA35					-6	-8		-10	-12		-16		-20			-24



## AS – Partek® Nylon Protective Sleeve

Parker's Partek Nylon Protective Sleaving 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.

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.



Temperature Range ..... -55 °C up to +120 °C

Part Number		I.D. round		I.D. flat	
					
black	yellow	mm	Inch	mm	Inch
AS-B-11	AS-Y-11	19	0.75	27	1.07
AS-B-13	AS-Y-13	24	0.93	34	1.34
AS-B-15	AS-Y-15	29	1.13	42	1.66
AS-B-17	AS-Y-17	31	1.22	46	1.82
AS-B-19	AS-Y-19	34	1.35	51	2.02
AS-B-22	AS-Y-22	36	1.43	54	2.13
AS-B-27	AS-Y-27	41	1.63	62	2.45
AS-B-33	AS-Y-33	46	1.81	70	2.75
AS-B-35	AS-Y-35	56	2.19	85	3.33
AS-B-37	AS-Y-37	60	2.38	92	3.63
AS-B-39	AS-Y-39	67	2.63	102	4.02
AS-B-45	AS-Y-45	73	2.88	113	4.43
AS-B-47	AS-Y-47	80	3.13	122	4.80
AS-B-53	AS-Y-53	86	3.38	132	5.20
AS-B-58	AS-Y-58	92	3.63	142	5.59
AS-B-64	AS-Y-64	102	4.00	157	6.18

## PS – Partek® Nylon Protective Sleeve

Parker's Partek Nylon Protective Sleaving gives you tough hose abrasion protection two ways. First, per the ISO 6945 specification, Partek has a unique tubular weave nylon construction, Partek "PS" is strong enough to withstand greater than 50,000 abrasion cycles without wearing through the fabric at any location. 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.



Temperature Range ..... -55 °C up to +120 °C

Part Number	I.D. round		I.D. flat	
	mm	Inch	mm	Inch
PS-B-12	19	0.75	27	1.08
PS-B-13	23	0.91	34	1.32
PS-B-15	27	1.06	40	1.56
PS-B-17	31	1.22	46	1.82
PS-B-22	36	1.42	54	2.14
PS-B-33	46	1.81	70	2.75
PS-B-35	56	2.19	85	3.33
PS-B-37	60	2.38	92	3.63
PS-B-39	67	2.63	102	4.02
PS-B-45	73	2.88	113	4.43
PS-B-47	80	3.13	122	4.8
PS-B-80	127	5.00	197	7.75
PS-B-88	140	5.50	217	8.54

## DMS – Minesleeve

Parker Minesleeve offers the best abrasion resistance without adding stiffness to hose assemblies and exceeds the MSHA specifications for flame resistance and flame propagation. Burst tests performed according to SAE J343 on hose assemblies covered with Minesleeve (DMS) show an oil spill retention capability of 7 times greater than similar products. Also suitable for bundling small hose assemblies, tubing or wires.



- Abrasion resistance
  - offers the best abrasion resistance without adding stiffness to hose assemblies
- Fire & flame resistance
  - exceeds US MSHA specifications for flame resistance & flame propagation
- Electrical conductivity
  - tests performed to ISO 8031 on hose assemblies covered with minesleeve show electrical conductivity values well below the specification requirements
- Oil spill retention
  - burst tests performed according to SAE J343 on hose assemblies covered with minesleeve show an oil spill retention capability of 7 times greater than similar products, also suitable for bundling small hose assemblies, tubing or wires. DMS complies with the requirements from: ISO 4413, ISO 3457, DIN ISO 201, DGUV 113-020 and others.
- MSHA approved

Temperature Range ..... -50 °C up to +120 °C

Part Number	I.D. round		I.D. flat	
	mm	Inch	mm	Inch
DMS-23	23	0.91	39	1.54
DMS-27	27	1.06	45	1.77
DMS-31	31	1.22	52	2.05
DMS-36	36	1.42	57	2.24
DMS-47	47	1.85	77	3.03
DMS-55	55	2.17	89	3.5
DMS-66	66	2.60	107	4.21
DMS-85	85	3.35	136	5.35
DMS-93	93	3.66	149	5.87
DMS-127	127	5.00	197	7.75

## FS-F – Fire Sleeves

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. When fitting the fire sleeve to hose assemblies with reusable or crimped fittings, a fire sleeve clamp must be used.



- Braided fiberglass sleeve with orange, bonded and seamless silicone rubber cover

- Conforms to SAE Aerospace Standard 1072A Type 2A

Temperature Range ..... -54 °C up to +260 °C

- Certification:
  - UL 1441 Certified
  - VW1 Flame Test Certified
  - MSHA Certified for use in underground mines
  - SAE AS1072E
  - DNV-GL Certified to 800C/30 mins (ISO15540 & ISO15541)
  - 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
- MIL-C-24576A
- PJA and P96 Thermal Conductivity

Part Number	min. I.D.		max. O.D.		Suction Hose (R4)			1-/2-Wire Braided			Multispiral		
	mm	Inch	mm	Inch	inch	mm	size	inch	mm	size	inch	mm	size
FS-F-10	15	0.58	25	0.97				1/4	6	-4			
FS-F-11	17	0.65	26	1.03				1/4	6	-4			
FS-F-12	18	0.71	28	1.09				5/16	8	-5			
FS-F-14	21	0.84	31	1.22				3/8	10	-6			
FS-F-16	24	0.96	35	1.38				1/2	13	-8	1/4	6	-4
FS-F-18	27	1.08	38	1.50				1/2	13	-8	3/8	10	-6
FS-F-20	31	1.21	40	1.59				5/8	16	-10	1/2	13	-8
FS-F-22	34	1.34	44	1.75	3/4	19	-12	3/4	19	-12	5/8	16	-10
FS-F-24	37	1.46	48	1.90							3/4	19	-12
FS-F-28	43	1.71	52	2.06	1	25	-16	1	25	-16			
FS-F-30	47	1.84	56	2.19							1	25	-16
FS-F-32	50	1.96	59	2.32	1 1/4	32	-20	1 1/4	32	-20			
FS-F-38	59	2.34	70	2.74			-24	1 1/4	32	-20	1 1/4	32	-20
FS-F-40	63	2.46	71	2.79				1 1/2	38	-24	1 1/2	38	-24
FS-F-48	75	2.96	86	3.40	2	51	-32				1 1/2	38	-24
FS-F-60	94	3.71	105	4.15	2 1/2	65	-40	2 1/2	65	-40	2	51	-32
FS-F-64	102	4.10	114	4.50	3	76	-48	3	76	-48	2 1/2	65	-40
FS-F-72	114	4.60	126	5.00	3 1/2	90	56				3	76	48
FS-F-80	127	5.00	139	5.50	4	102	64						

## HG – PolyGuard Hose Protector

Heavy duty polyethylene provides protection in rugged operating conditions, great for bundling high-pressure hose lines



- Shields hose from abrasion and cuts
- Easy to install without removing hose lines: no clamps needed
- Minimises risk of kinking
- Resistant to air, water, oil, gasoline, hydraulic fluid and most solvents
- Ideal for bundling plastic tubing or hose lines
- Cannot rust or corrode
- Color: black

**Caution: This material will support combustion**

Temperature Range ..... -40 °C up to +93 °C

Part Number	min. I.D.		1-/2-wire braided			Multispiral			Suction hose (R4)		
	mm	Inch	Inch	mm	Size	Inch	mm	Size	Inch	mm	Size
HG-075	18.3 - 19.8	0.72 - 0.78	1/2 5/8	13 16	-8 -10	1/4 3/8	6 10	-4 -6	-	-	-
HG-100	24.6 - 26.2	0.97 - 1.03	3/4	19	-12	1/2 5/8	13 16	-8 -10	3/4	19	-12
HG-125	31.0 - 32.5	1.22 - 1.28	1	25	-16	3/4	19	-12	-	-	-
HG-150	37.30 - 38.9	1.47 - 1.53	1 1/4	32	-20	1	25	-16	1 1 1/4	25 32	-16 -20
HG-200	50.0 - 51.6	1.97 - 2.03	1 1/2 2 2 1/2	32 38 51	-24 -32 -40	1 1/4 1 1/2 2	32 38 51	-20 -24 -32	1 1/2 2 2 1/2	32 38 51	-24 -32 -40
HG-350	88.1 - 89.7	3.47 - 3.53	3	76	-48	2 1/2 3	65 76	-40 -48	3	76	-48



## PG – ParKoil Hose Protector


Lower-cost protection for applications that call for a tighter bend radius and are less demanding



- Shields hose from abrasion and cuts
- Easy to install without removing hose lines: no clamps needed
- Minimises risk of kinking
- Resistant to air, water, oil, gasoline, hydraulic fluid and most solvents
- Ideal for bundling plastic tubing or hose lines
- Cannot rust or corrode
- Color: black

**Caution: This material will support combustion**

Temperature Range ..... -17 °C up to +93 °C

Part Number	min. I.D. 		1-1/2-wire braided			Multispiral			Suction hose (R4)		
	mm (± 1.25)	Inch (± 0.05)	Inch	mm	Size	Inch	mm	Size	Inch	mm	Size
PG-038	9.65	0.38	3/16	5	-3	-	-	-	-	-	-
PG-050	12.70	0.50	1/4 5/16	6 8	-4 -5	-	-	-	-	-	-
PG-062	15.75	0.62	3/8	10	-6	1/4	6	-4	-	-	-
PG-075	19.05	0.75	1/2	13	-8	3/8	10	-6			
PG-088	22.35	0.88	5/8	16	-10	1/2	13	-8			
PG-100	25.40	1.00	3/4	19	-12	5/8	16	-10			
PG-119	30.25	1.19	-	-	-	3/4	19	-12	3/4	19	-12
PG-138	35.05	1.38	1 1 1/4	25 32	-16 -20	1 1 1/4	25 32	-16 -20	1	25	-16
PG-188	47.75	1.88	1 1/2 2	38 51	-24 -32	1 1/2 2	38 51	-24 -32	1 1/2 2	38 51	-24 -32



## PS – Partek Wrap

Nylon hose sleeve designed for bundling hose assemblies after installation

- Post-assembly installation
- Light weight and high flexibility
- Urethane-coated 1050 ballistic Nylon
- Ambient temperature range of -51 °C to 93 °C
- Fast and easy installation
- Designed for added abrasion resistance or bundling of multiple hoses
- Can be cut to size with household scissors

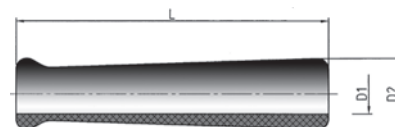


Part Number	I.D. round		I.D. flat	
	mm	Inch	mm	Inch
PS-BV-200	50	2	80	3.2
PS-BV-300	75	3	80	3.2
PS-BV-400	100	4	162	6.5
PS-BV-500	125	5	203	8.1
PS-BV-600	150	6	243	9.7
PS-BV-700	175	7	283	11.3
PS-BV-800	200	8	325	13.0

## WKS

### Rubber hand grip

For *No-Skive* high pressure water cleaning hoses



Hand Grip		Hose I.D.				L mm	D1 mm	D2 mm
Part Number	Colour	DN	Inch	Size	mm			
WKS-4-BLK	black	6	1/4	-4	6.4	120	15.0	24
WKS-4-BLU	blue	6	1/4	-4	6.4	120	15.0	24
WKS-5-BLK	black	8	5/16	-5	7.9	150	17.0	34
WKS-5-BLU	blue	8	5/16	-5	7.9	150	17.0	34
WKS-6-BLK	black	10	3/8	-6	9.5	150	19.5	34
WKS-6-BLU	blue	10	3/8	-6	9.5	150	19.5	34
WKS-8-BLK	black	12	1/2	-8	12.7	150	22.5	34
WKS-8-BLU	blue	12	1/2	-8	12.7	150	22.5	34
WKS-8-GRA	grey	12	1/2	-8	12.7	150	22.5	34

## HP-B – Hose Shield

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 °C to +150 °C. Easily installed and secured by cable ties without disconnecting any hose lines.



- Use with hose from size -4 up to size -32
- Eliminate hose abrasion on concrete, metal or any rough surface
- Guard against hose deterioration on mobile hydraulic equipment
- Let Parker fill all your hydraulic and pneumatic hose product needs

### Hose Shields KIT HP-B-13X18-KIT with

- 2 x HP-13 RFL Hose Protectors, length 101 mm (4")
- 2 x HP-15 RFL Hose Protectors, length 152 mm (6")
- 4 x HP-18 RFL Hose Protectors, length 203 mm (8")
- 30 x HT-12 Tie Wraps
- 30 x HT-16 Tie Wraps
- 15 x HT-22 Tie Wraps

Part Number

HP-B-13X18-KIT

### Counter Display HP-B-13-RFL with

- 10 x HP-B-13 Hose Protectors, length 101 mm (4")
- 30 x HT-12 Tie Wraps

Part Number

HP-B-13-RFL

### Counter Display HP-B-15-RFL with

- 10 x HP-B-15 Hose Protectors, length 152 mm (6")
- 30 x HT-16 Tie Wraps

Part Number

HP-B-15-RFL

### Counter Display HP-B-18-RFL with

- 5 x HP-B-18 Hose Protectors, length 203 mm (8")
- 15 x HT-18 Tie Wraps

Part Number

HP-B-18-RFL

### Hose Protector, length 101 mm (4")

Part Number

HP-B-13

### Hose Protector, length 152 mm (6")

Part Number

HP-B-15

### Hose Protector, length 203 mm (8")

Part Number

HP-B-18