

## 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 & Armour Guard (SG & AG)

Parker spring guard and armour guard are two products that prolong the life of your hose lines that are exposed to rugged operating conditions. They distribute 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-9** and **Eb-10**



### 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-14** and **Eb-15**



### 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-11** and **Eb-12**



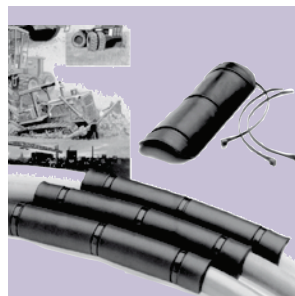
### Firesleeve (FS-F)

A flame-resistant sheath that protects your hose from extremely high temperature conditions. See page **Eb-13**



### 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-16**

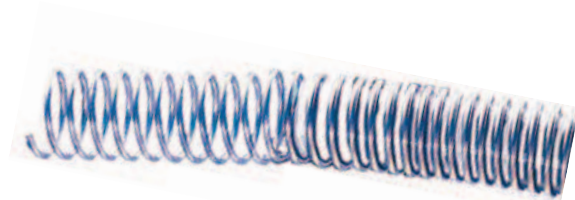


### Hose Shields (HP-B)

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-17**

## SG – Spring Guard

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



Hose	I.D. mm	Part Number	SG-060	SG-066	SG-072	SG-084	SG-097	SG-106	SG-113	SG-122	SG-131	SG-155	SG-161	SG-166	SG-182	SG-209	SG-220	SG-232	SG-270	SG-292	SG-369
			15.20	16.75	18.25	21.30	24.60	26.90	28.70	30.95	33.25	39.35	40.85	42.15	46.20	53.05	55.85	58.90	68.55	74.20	93.70
201, 206, 221FR, 225, 235			-4	-5	-6	-8	-10		-12		-16	-20			-24			-32		-40	-48
213, 285, 293			-4/-5	-6		-8	-10	-12			-16	-20			-24		-32			-40	-48
301SN, 301TC, 302, 304				-4	-5	-6	-8	-10		-12		-16				-20		-24		-32	
351TC, 402, 421RH, 421SN, 422, 424, 426, 436, 441, 441RH, 451TC, 451, 461LT, 462, 463, 471TC, 472TC, 492, 493, 611, 611HT, 681, 681DB, 692			-4	-5	-6	-8	-10		-12			-16			-20	-24			-32		
372, 372RH, 371LT, 701							-6	-8		-10	-12	-16				-20		-24			
601			-4		-5	-6	-8				-12	-16			-20						
774, 721TC, 772LT						-6	-8		-10		-12	-16				-20	-24		-32		
731, 781, 782TC, P35, 791TC, 792TC											-12			-16		-20		-24		-32	
801, 804, 821FR, 831, 836, 837BM			-4/-5		-6	-8	-10		-12		-16										
811, 881, H29, H29ST, H29TC, H29RH											-12	-16			-20		-24		-32		-48
H31, H31ST, H31TC					-4		-6	-8		-10	-12		-16								
R35, R35TC											-12		-16		-20			-24		-32	
R42, R42ST, R42TC										-10	-12		-16			-20		-24		-32	
787TC, 797TC					-6	-8		-10		-12		-16									
412			-4/-6																		
477			-4	-5	-6	-8		-10			-12	-16									

## AG – Armour Guard

- For extreme abrasion or possible damage from the outside, the corrosion-protected steel flat coil sleeve is recommended.



Hose \ I.D. Part Number mm	AG-060	AG-066	AG-072	AG-084	AG-097	AG-106	AG-113	AG-122	AG-131	AG-155	AG-161	AG-166	AG-182	AG-209	AG-220	AG-232	AG-270	AG-292	AG-319
	15.20	16.75	18.25	21.30	24.60	26.90	28.70	30.95	33.25	39.35	40.85	42.15	46.20	53.05	55.85	58.90	68.55	74.20	81.00
201, 206, 221FR, 225, 235	-4	-5	-6	-8	-10		-12		-16	-20			-24			-32		-40	
213, 285, 293	-4/-5	-6		-8	-10	-12			-16	-20			-24		-32			-40	
301SN, 301TC, 302, 304		-4	-5	-6	-8	-10		-12		-16				-20		-24		-32	
351TC, 402, 421RH, 421SN, 422, 424, 426, 436, 441, 441RH, 451TC, 451, 461LT, 462, 463, 471TC, 472TC, 492, 493, 611, 611HT, 681, 681DB, 692	-4	-5	-6	-8	-10		-12			-16			-20	-24			-32		
372, 372RH, 371LT, 701					-6	-8		-10	-12	-16				-20		-24			
601	-4		-5	-6	-8				-12	-16			-20						
774, 721TC, 772LT				-6	-8		-10		-12	-16				-20	-24		-32		
731, 781, 782TC, P35, 791TC, 792TC									-12			-16		-20		-24		-32	
801, 804, 821FR, 831, 836, 837BM	-4/-5		-6	-8	-10		-12		-16										
811, 881, H29, H29ST, H29TC, H29RH									-12	-16			-20		-24		-32		-40
H31, H31ST, H31TC			-4		-6	-8		-10	-12		-16								
R35, R35TC									-12		-16		-20			-24		-32	
R42, R42ST, R42TC								-10	-12		-16			-20		-24		-32	
787TC, 797TC			-6	-8		-10		-12		-16									
412	-4/-6																		
477	-4	-5	-6	-8		-10			-12	-16									

## AS – Partek® Nylon Protective 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. 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

AS-heavy series (black) Part Number	AS-B-11	AS-B-13	AS-B-13	AS-B-15	AS-B-15	AS-B-17	AS-B-19	AS-B-22	AS-B-27	AS-B-33	-	AS-B-37	AS-B-58
AS-heavy series (yellow) Part Number	AS-Y-11	AS-Y-13	AS-Y-13	AS-Y-15	AS-Y-15	AS-Y-17	AS-Y-19	AS-Y-22	AS-Y-27	AS-Y-33	AS-Y-35	AS-Y-37	-
I.D. mm	17.5	21.8	21.8	26.9	26.9	29.4	32.8	34.5	39.6	44.5	53.8	58.7	90.4
<b>Hose</b>													
201, 206, 221FR, 225, 235	-4	-5	-6	-8		-10	-12	-16		-20	-24		-48
213, 285, 293	-4	-5	-6	-8	-10	-12		-16		-20	-24		-48
301SN, 301TC, 302, 304, 421WC		-4	-5	-6		-8	-12			-16		-20	
351TC, 402, 421RH, 421SN, 422, 424, 426, 436, 441, 441RH, 451, 451TC, 461LT, 462, 462ST, 463, 471TC, 472TC, 492, 492ST, 493, 611, 611HT, 681, 681DB, 692	-4	-5	-6		-8	-10	-12		-16		-20	-24	
372, 372RH, 701, 371LT					-6	-8	-10	-12		-16		-20	
601		-4	-5	-6		-8	-12			-16		-20	
774, 721TC, 772LT					-6	-8	-10	-12		-16		-20	
731, 774, 781, 782TC, P35, 791TC, 792TC								-12		-16		-20	
801, 804, 821FR, 831, 836, 837BM	-4		-6	-8		-10	-12		-16				
811, 881, H29, H29ST, H29ST, H29RH								-12		-16	-20		-40 -48
H31, H31ST, H31TC		-4	-4	-6	-6	-8	-10	-12		-16			
R35, R35TC									-12	-16	-20		
R42, R42ST, R42TC								-10	-12	-16		-20	
787TC, 797TC		-6	-6			-8	-10	-12		-16			
412	-4/-6												
477	-4	-5	-6	-8	-8	-10		-12		-16			

## PS – Partek® Nylon Protective 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 "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

PS-standard series (black)	PS-B-13	PS-B-13	PS-B-15	PS-B-15	PS-B-17	PS-B-22	PS-B-22	PS-B-33	PS-B-33	PS-B-35	PS-B-37	PS-B-39	PS-B-45	PS-B-47
Part Number														
I.D. mm	21.3	21.3	25.4	25.4	29.4	34.5	34.5	44.5	44.5	53.8	58.7	65.0	71.4	77.7
<b>Hose</b>														
201, 206, 221FR, 225, 235	-5	-6	-8		-10	-12	-16		-20	-24		-32		-40
213, 285, 293	-5	-6	-8	-10	-12		-16		-20	-24		-32		-40
301SN, 301TC, 302, 304, 421WC	-4	-5	-6		-8	-12			-16		-20	-24	-32	
351TC, 402, 421RH, 421SN, 422, 424, 426, 436, 441, 441RH, 451, 451TC, 461LT, 462, 462ST, 463, 471TC, 472TC, 492, 492ST, 493, 611, 611HT, 681, 681DB, 692	-5	-6		-8	-10	-12		-16		-20	-24		-32	
372, 372RH, 701, 371LT				-6	-8	-10	-12		-16		-20	-24		-32
601	-4	-5	-6		-8	-12			-16		-20	-24	-32	
774, 721TC, 772LT				-6	-8	-10	-12		-16		-20	-24		-32
731, 774, 781, 782TC, P35, 791TC, 792TC							-12		-16		-20	-24		-32
801, 804, 821FR, 831, 836, 837BM		-6	-8		-10	-12		-16						
811, 881, H29, H29ST, H29ST, H29RH							-12		-16	-20		-24	-32	
H31, H31ST, H31TC	-4	-4	-6	-6	-8		-12		-16					
R35, R35TC									-16	-20		-24		-32
R42, R42ST, R42TC							-10		-16		-20	-24		-32
787TC, 797TC	-6	-6			-8		-12		-16					
412														
477	-5	-6	-8	-8	-10		-12		-16					

## 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.
- Certification:
  - NF F16-101 (10/88)
  - NF F16-102 (04/92)
  - STM-S-001 (c) (10/2006)
  - Classification F1/F2



Temperature Range ..... -73 °C up to +260 °C

Part Number	FS-F-10	FS-F-11	FS-F-12	FS-F-14	FS-F-16	FS-F-18	FS-F-20	FS-F-22	FS-F-24	FS-F-28	FS-F-32	FS-F-38	FS-F-40	FS-F-48	FS-F-60
I.D. mm	14.7	16.5	18.0	21.3	24.4	27.4	30.7	34.0	37.1	43.4	49.8	59.4	62.5	75.2	94.2
<b>Hose</b>															
201, 206, 221FR, 225, 235	-4	-5		-6 -8		-10	-12	-16		-20	-24	-32		-40	-48
213, 285, 293	-4	-5	-6	-8	-10	-12		-16		-20	-24	-32		-40	
301SN, 301TC, 302, 304, 421WC		-4	-5	-6		-8 -10	-12			-16		-20 -24		-32	
351TC, 402, 421RH, 421SN, 422, 424, 426, 436, 441, 441RH, 451, 451TC, 461LT, 462, 462ST, 463, 471TC, 472TC, 492, 492ST, 493, 611, 611HT, 681, 681DB, 692	-3 -4	-5		-6	-8	-10	-12	-14	-16		-20	-24		-32	
601		-4		-5 -6		-8	-10	-12		-16	-20				
372, 372RH, 371LT, 701, 774, 721TC, 772LT					-6	-8	-10	-12		-16		-20 -24		-32	
731, 781, 782TC, P35, 791TC, 792TC							-8	-12		-16		-20	-24	-32	
801, 804, 821FR, 831, 836, 837BM	-4		-6	-8		-10	-12	-16							
811, 881, H29, H29ST, H29TC, H29RH								-12		-16	-20	-24		-32	-40 -48
H31, H31ST, H31TC				-4	-6	-8	-10	-12		-16	-20	-24			
R35, R35TC								-12		-16	-20	-24		-32	
R42, R42ST, R42TC							-10	-12		-16		-20 -24		-32	
787TC, 797TC			-6		-8	-10			-16						
412	-4	-6													
477	-4	-5		-6	-8	-10		-12	-16						

## 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 ..... -17 °C up to +93 °C

Part Number	HG-075	HG-100	HG-125	HG-150	HG-200	HG-350
Hose I.D. mm	19.05	25.40	31.75	38.10	50.80	88.90
201, 206, 213, 221FR, 225, 235, 285, 293	-8/-10	-12	-16	-20/-24	-32/-40	-48
301SN, 301TC, 302, 304	-6/-8	-10/-12		-16/-20	-24/-32	
351TC, 402, 421RH, 421SN, 421WC, 422, 424, 426, 436, 441, 441RH, 451, 451TC, 461LT, 462ST, 462, 463, 471TC, 472TC, 492, 492ST, 493, 611, 611HT, 681, 681DB, 692	-8/-10	-12	-16	-20	-24/-32	
601	-6/-8	-10	-12	-16/-20		
372, 372RH, 371LT, 701, 731, 774, 721TC, 772LT, 781, 782TC, P35, 791TC, 792TC	-6	-8/-10	-12	-16	-20/-24/-32	
731			-12	-16/-20	-24/-32	
477, 801, 804, 821FR, 831, 836, 837BM	-8/-10	-12	-16			
811, 881, H29, H29ST, H29TC, H29RH		-12		-16/-20	-24/-32/-40	-48
R42, R42ST, R42TC	-4/-6/-8	-10/-12	-16	-20	-24	
H31, H31ST, H31TC	-4/-6/-8	-10/-12	-16			
R35, R35TC		-12	-16	-20	-24/-32	
787TC, 797TC		-12	-16			

## 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	PG-038	PG-050	PG-062	PG-075	PG-088	PG-100	PG-119	PG-138	PG-188
Hose I.D. mm	9.65	12.70	15.75	19.05	22.35	25.40	30.25	35.05	47.75
Width of spires	6.35	9.65	9.65	9.65	9.65	15.75	15.75	15.75	15.75
201, 206, 221FR, 225, 235		-4 -5	-6	-8	-10	-12	-16	-20 -24	-32 -40 -48
213, 285, 293	-4	-5	-6 -8	-10	-12		-16	-20 -24	-32 -40 -48
301SN, 301TC, 302, 304		-3 -4	-5	-6	-8	-10 -12		-16	-20 -24 -32
351TC, 402, 421RH, 421SN, 421WC, 422, 424, 426, 436, 441, 441RH, 451, 451TC, 461LT, 462ST, 462, 463, 471TC, 472TC, 492, 492ST, 493, 611, 611HT, 681, 681DB, 692		-4 -5	-6	-8	-10	-12		-16 -20	-24 -32
601		-4		-6	-8	-10	-12	-16	
372, 372RH, 371LT, 701, 731, 774, 721TC, 772LT				-6	-8	-10	-12	-16 -20	-24 -32
H31, H31ST, H31TC				-6	-8	-10	-12	-16	
781, 782TC, P35, 791TC, 792TC, R42, R42ST, R42TC				-4	-6	-8 -10	-12	-16	-20 -24 -32
801, 804, 821FR, 831, 836, 837BM, 477		-4 -5	-6	-8	-10	-12	-16		
811, 881, H29, H29ST, H29TC, H29RH, R35, R35TC							-12	-16 -20	-24 -32
787TC, 797TC			-6	-8	-10	-12	-16		
412	-4	-6							



## PS – Partek Wrap

Nylon hose sleeve designed for bundling hose assemblies after installation

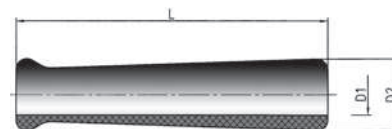
- Post-assembly installation
- Light weight and high flexibility
- Urethane-coated 1050 ballistic Nylon
- Ambient temperature range of -51 °C to 93 °C
- Fast and easy installation
- Designed for added abrasion resistance or bundling of multiple hoses
- Can be cut to size with household scissors




Part Number	Hose Bundle O.D.		Circumference	Roll Length	Color
	Inch	mm	mm	m	
PS-BV-300	3	76.2	238.8	15.24	black
PS-BV-400	4	101.6	317.5	15.24	black
PS-BV-500	5	127.0	400.0	15.24	black
PS-BV-700	7	177.8	558.8	15.24	black

## WKS – Rubber Hand Grip

For *No-Sliver* high pressure water cleaning hoses



Part Number	Colour	 Hose I.D.				L mm	D1 mm	D2 mm
		DN	Inch	Size	mm			
WKS-4-BLK	black	6	1/4	-4	6,3	120	15	24
WKS-4-BLU	blue	6	1/4	-4	6,3	120	15	24
WKS-5-BLK	black	8	5/16	-5	7,9	150	17	34
WKS-5-BLU	blue	8	5/16	-5	7,9	150	17	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