

Hose Protectors



ALFAGOMMA Steel Protective Coil Springs and Flat Coil Sleeves prolong the life of hose lines that are exposed to rugged operating conditions.

They distribute the bending radii to avoid kinking in hose lines and protect the hose from excessive

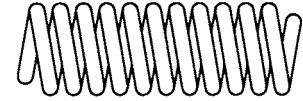
wear caused by sharp edges and abrasion and help protect the hose from deep cuts.

The guards are constructed of steel and are plated to resist rust.

Steel Protective Coil Springs – SRS

Application – Protects hose cover and reinforcement from abrasion and accidental damage.

Length – 13’-1 1/2” (4 m)



Part Number	DIN SAE		1SN R1AT FXP2 Alfatech 3000		2SN R2AT		4SP R12		4SH Alfatech 4000 R15 Alfatech 6000†		R13 Alfatech 5000 Alfatech 6000†	
	In.	mm	DN	Size	DN	Size	DN	Size	DN	Size	DN	Size
R1S0033-0154	0.61	15.5	6	-04								
R1S0033-0174	0.67	17.0	8	-05	6	-04						
R1S0033-0194	0.75	19.0	10	-06	8	-05						
R1S0033-0234	0.91	23.0	12	-08	10	-06	10	-06				
R1S0033-0264	1.02	26.0	16	-10	12	-08	12	-08				
R1S0033-0294	1.14	29.0	20	-12								
R1S0033-0344	1.34	34.0			16	-10	16	-10	20†	-12	20	-12
R1S0055-0414	1.61	41.0	25	-16	25	-16	25	-16	25†	-16	25	-16
R1S0055-0484	1.89	48.0							32	-20		
R1S0055-0544	2.13	54.0	32	-20	32	-20					32†	-20
R1S0055-0604	2.36	60.0			40	-24			40	-24	40†	-24

† Alfatech 6000 Only

Steel Protective Flat Coil Sleeve – SSF

Application – For use where hose lines are subjected to excessive abrasion, kinking, or accidental damage.

Length – 13’-1 1/2” (4 m)



Part Number	DIN SAE		1SN R1AT FXP2 Alfatech 3000		2SN R2AT		4SP R12		4SH Alfatech 4000 R15 Alfatech 6000†		R13 Alfatech 5000 Alfatech 6000†	
	In.	mm	DN	Size	DN	Size	DN	Size	DN	Size	DN	Size
R1S1017-0134	0.51	13.0										
R1S1017-0154	0.61	15.5	6	-04								
R1S1017-0174	0.67	17.0	8	-05	6	-04						
R1S1017-0194	0.75	19.0	10	-06	8	-05						
R1S1017-0224	0.87	22.0	12	-08	10	-06	10	-06				
R1S1017-0264	1.02	26.0	16	-10	12	-08	12	-08				
R1S1017-0284	1.10	28.0										
R1S1017-0304	1.18	30.0	20	-12	16	-10						
R1S1017-0344	1.34	34.0			20	-12	16	-10	20†	-12	20	-12
R1S1017-0414	1.61	41.0	25	-16	25	-16	25	-16	25†	-16	25	-16
R1S1017-0484	1.89	48.0							32	-20		
R1S1017-0544	2.13	54.0	32	-20	32	-20					32†	-20
R1S1017-0604	2.36	60.0			40	-24			40	-24	40†	-24

† Alfatech 6000 Only

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

Hose Protectors

Plastic Protective Coil Sleeve – PCG

Application – The high density polyethylene plastic coil sleeve is air, water, oil, gasoline and hydraulic fluid-resistant at temperatures between 0°F and 180°F (-20°C – 84°C).



This coil can also be used for bundling groups of hoses.

Kuriyama Part No.	Inner Diameter	Wall Thickness (in.)	For Use on These Hoses	Roll Length (ft.)
			New Series (Former Series)	
PCG-16-H	0.50	0.069	TR1SN (T836AA-04/05/06), TF2MT/ST (T822MT/ST-04/06), TR2SN (T846AA-04/05), T4SP (T850AA-04)	100
PCG-20-H	0.66	0.075	TR1SN (T836AA-08), TF2MT/ST (T822MT/ST-08), TR2SN (T846AA-06), T4SP (T850AA-06), TR12 (T898AB-06)	100
PCG-25-H	0.75	0.122	TR1SN (T836AA-10), TF2MT/ST (T822MT/ST-10), TR2SN (T846AA-08), T4SP (T850AA-08), TR12 (T898AB-08)	100
PCG-32-H	1.00	0.118	TR1SN (T836AA-12), TF2MT/ST (T822MT/ST-12), TR2SN (T846AA-10), T4SP (T850AA-10), TR12 (T898AB-10), T4SH (T855AA-10), TR12 (T809AH-12)	100
PCG-39-H	1.25	0.132	TR1SN (T836AA-16/20), TF2MT/ST (T822MT/ST-16), TR2SN (T846AA-12/16), T4SP (T850AA-12/16), TR12 (T898AB-12/16), T4SH (T855AA-12/16), TR12 (T809AH-12)	100
PCG-50-H	1.60	0.150	TR1SN (T836AA-20/24), TR2SN (T846AA-16/20), TR12 (T898AB-16/20), T4SH (T855AA-16/20), TR12 (T809AH-16)	50
PCG-59-H	2.00	0.160	TR1SN (T836AA-24/32), TR2SN (T846AA-24), TR12 (T898AB-24), T4SH (T855AA-24), TR12 (T809AH-24)	50
PCG-75-H	2.50	0.209	TR1SN (T836AA-32), TR2SN (T846AA-32), TR12 (T898AB-32), T4SH (T855AA-32), TR12 (T809AH-32)	50

Nylon Sleeve Guard

Extend the life of your hose assemblies with Kuriyama's Nylon Sleeve Guard. This unique tubular woven product provides ideal physical protection against abrasion and other external conditions found in many hydraulic hose applications. Additionally, this sleeving serves as a means of bundling several hydraulic hoses together for further protection and clean routing.

The nylon tubular sleeving withstands temperatures of 250°F (120°C) and has MSHA acceptance, while maintaining its flexibility in extreme cold applications.

Standard packaging is 100 and 50 foot rolls, depending on the size. Other lengths and colors are available upon request or as indicated below.



Part Number	Nominal Flat Size (in.)	Range of Hose ODs for this size	Round ID (in.)	Coil Size (ft.)	Weight Est. (lbs./coil)
NS-04	1.2500	0.48 - 0.70	0.796	100	2.99
NS-06	1.5000	0.61 - 0.84	0.955	100	3.02
NS-08	1.8750	0.77 - 0.97	1.194	100	4.37
NS-10	1.9375	0.93 - 1.11	1.234	100	4.12
NS-12	2.1250	1.09 - 1.27	1.353	100	4.11
NS-16	2.5625	1.40 - 1.56	1.632	50	2.72
NS-20	3.3125	1.71 - 1.96	2.109	50	3.58
NS-24	3.8125	1.99 - 2.26	2.428	50	4.17
NS-32	4.5625	2.52 - 2.79	2.906	50	4.92

“Nominal Flat Size” refers to the width of the sleeving when flat, radius to radius.

It is recommended that the ends of the sleeves be heated after cutting to resist fraying. For secure fastening, sleeves are often band clamped or tied with nylon ties.

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

Flexible “Floppy Guard” Interlocked Metal Hose – HT1100

Highly-flexible interlocked metal armor hose provides maximum protection for hydraulic hoses in the most severe applications.

Construction – A single metal strip is loosely interlock-wound to create an extremely flexible interlocked metal hose.

Available in galvanized steel and stainless steel.

Applications – Armor shielding for hoses where maximum flexibility and protection from abrasion and damage are important.



Maximum Service Temperature:

Galvanized Steel: Up to 750°F

Stainless Steel: Up to 1800°F

SPECIFICATIONS (Lengths and Weights are based on extended hose and are approximate)

HTG1100 – Galvanized – .010" – .012" strip thickness

Part Number	ID	Std. Length Coils (ft.)	Approx. Net Wt. per Pkg. (lbs.)
HTG1100-018X25	3/16	25	2.00
HTG1100-025X25	1/4	25	2.50
HTG1100-031X25	5/16	25	3.00
HTG1100-037X25	3/8	25	3.50
HTG1100-050X25	1/2	25	4.00
HTG1100-062X25	5/8	25	4.50
HTG1100-075X25	3/4	25	5.00
HTG1100-087X25	7/8	25	5.75
HTG1100-100X25	1	25	7.00
HTG1100-112X25	1 1/8	25	8.00
HTG1100-125X25	1 1/4	25	9.00
HTG1100-137X25	1 3/8	25	10.50
HTG1100-150X25	1 1/2	25	12.00
HTG1100-162X25	1 5/8	25	13.00
HTG1100-175X25	1 3/4	25	14.50
HTG1100-187X25	1 7/8	25	15.50
HTG1100-200X25	2	25	16.50
HTG1100-225X25	2 1/4	25	19.00

HTS1100 – Stainless Steel – .010" – .012" strip thickness

Part Number	ID	Std. Length Coils (ft.)	Approx. Net Wt. per Pkg. (lbs.)
HTS1100-018X25	3/16	25	2.00
HTS1100-025X25	1/4	25	2.50
HTS1100-031X25	5/16	25	3.00
HTS1100-037X25	3/8	25	3.50
HTS1100-050X25	1/2	25	4.00
HTS1100-062X25	5/8	25	4.50
HTS1100-075X25	3/4	25	5.00
HTS1100-087X25	7/8	25	5.75
HTS1100-100X25	1	25	7.00
HTS1100-112X25	1 1/8	25	8.00
HTS1100-125X25	1 1/4	25	9.00
HTS1100-137X25	1 3/8	25	10.50
HTS1100-150X25	1 1/2	25	12.00
HTS1100-162X25	1 5/8	25	13.00
HTS1100-175X25	1 3/4	25	14.50
HTS1100-187X25	1 7/8	25	15.50
HTS1100-200X25	2	25	16.50
HTS1100-225X25	2 1/4	25	19.00

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