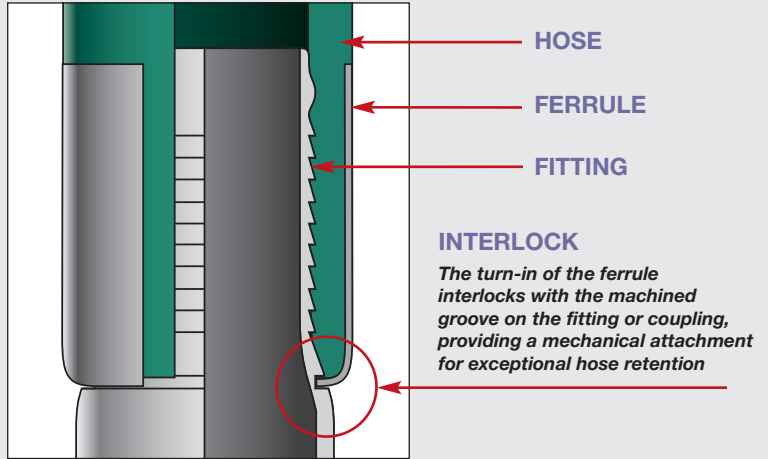


**CampbellCrimpnology™ ...
the only comprehensive package of
crimping products in the industry!**



CampbellCrimpnology™

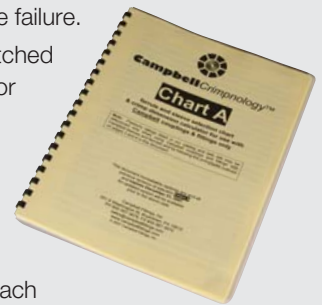
Crimpnology refers to all of the technology involved in crimping: the integrated design of every fitting, coupling, ferrule, and sleeve; the crimp procedures; crimp specifications; and crimp training & support.



Features and Benefits

Crimpnology offers the following “7 Essentials” for crimping safe, repeatable, performance-rated hose systems:

- Interlock groove on all fittings and couplings is compatible with the turn-in end of the ferrule to ensure a 360° ferrule-to-fitting interlock.
- Serrations specifically designed for crimping provide maximum hose retention without potential tube failure.
- Shank length and ferrule/sleeve length are matched to maximize retention and to avoid hose tube or cover damage.
- Detailed assembly procedures are provided, including information to ensure use of compatible components.
- Detailed crimping procedures (right) ensure appropriate crimp specification is derived for each hose and fitting combination.



- On-site crimping training by a Hose System Specialist, including a CD/video for review (left), is offered by Campbell to assist distributor personnel.
- A daytime, toll-free “hotline” is manned by a Campbell Hose System Specialist to assist in all aspects of training.

FERRULE & SLEEVE PART NUMBERING

PRODUCT	MATERIAL	FERRULE/SLEEVE I.D.
F = Ferrule	PS = Plated Steel	216 = 2-16/64"
S = Sleeve	SS = Stainless Steel	340 = 3-40/64"

F PS 150 216 L

NOMINAL HOSE SIZE
150 = 1-1/2"
200 = 2"

NON-STANDARD LENGTH
L = Long
S = Short

Performance-Rated

All Campbell pressure ratings are established and verified by hydrostatic testing to a 4X safety factor where applicable (see page 1 for pressure rating information). Test data and information regarding various combinations of hoses and fittings are available upon request.

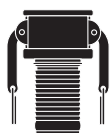
Note: Campbell sleeves may be used on non-Campbell fittings. We cannot provide crimp specifications or recommend working pressures for non-Campbell parts. The pressure ratings in this catalog are valid only when using all Campbell parts. For safety and quality assurance, always proof test hose assembly according to NAHAD guidelines.



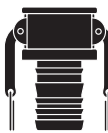
SLEEVES

SLEEVES

for use with products shown below only:



**Campbell
Cobra™
Parts C & E**
(page 17)



**Standard
Cobra™
Parts C & E**
(page 18, 19)

Plated Steel

hose size	sleeve i.d.	part number	list each
3/4	1-8/64	SPS075108	4.36
3/4	1-24/64	SPS075124	4.36
1	1-20/64	SPS100120	4.55
1	1-24/64	SPS100124	4.55
1	1-28/64	SPS100128	4.55
1	1-32/64	SPS100132	4.55
1	1-36/64	SPS100136	4.55
1	1-40/64	SPS100140	4.55
1	1-44/64	SPS100144	4.55
1	1-48/64	SPS100148	4.55
1-1/4	1-56/64	SPS125156	4.55
1-1/4	2	SPS125200	4.55
1-1/2	1-48/64	SPS150148	4.75
1-1/2	1-52/64	SPS150152	4.75
1-1/2	1-56/64	SPS150156	4.75
1-1/2	1-60/64	SPS150160	4.75
1-1/2	2	SPS150200	4.75
1-1/2	2-4/64	SPS150204	4.75
1-1/2	2-8/64	SPS150208	4.75
1-1/2	2-12/64	SPS150212	4.75
1-1/2	2-16/64	SPS150216	4.75
1-1/2	2-20/64	SPS150220	4.75
1-1/2	2-24/64	SPS150224	4.75
2	2-16/64	SPS200216	5.99
2	2-24/64	SPS200224	5.99
2	2-28/64	SPS200228	5.99
2	2-32/64	SPS200232	5.99
2	2-36/64	SPS200236	5.99
2	2-40/64	SPS200240	5.99
2	2-44/64	SPS200244	5.99
2	2-48/64	SPS200248	5.99
2	2-52/64	SPS200252	5.99
2	2-56/64	SPS200256	5.99
2	2-60/64	SPS200260	5.99
2	3	SPS200300	5.99
2	3-2/64	SSS200302	5.99

2-1/2	3	SPS250300	7.67
2-1/2	3-8/64	SPS250308	7.67
2-1/2	3-16/64	SPS250316	7.67
2-1/2	3-24/64	SPS250324	7.67
2-1/2	3-32/64	SPS250332	7.67
2-1/2	3-34/64	SPS250334	7.67
3	3-16/64	SPS300316	10.59
3	3-24/64	SPS300324	10.59
3	3-28/64	SPS300328	10.59
3	3-32/64	SPS300332	10.59
3	3-36/64	SPS300336	10.59
3	3-40/64	SPS300340	10.59
3	3-44/64	SPS300344	10.59
3	3-48/64	SPS300348	10.59
3	3-52/64	SPS300352	10.59
3	3-56/64	SPS300356	10.59
3	4	SPS300400	10.59
3	4-2/64	SPS300402	10.59
4	4-16/64	SPS400416	14.26
4	4-24/64	SPS400424	14.26
4	4-32/64	SPS400432	14.26
4	4-36/64	SPS400436	14.26
4	4-40/64	SPS400440	14.26
4	4-44/64	SPS400444	14.26
4	4-48/64	SPS400448	14.26
4	4-52/64	SPS400452	14.26
4	4-56/64	SPS400456	14.26
4	4-60/64	SPS400460	14.26
4	5	SPS400500	14.26
4	5-2/64	SPS400502	14.26
6	6-16/64	SPS600616	37.39
6	6-24/64	SPS600624	37.39
6	6-32/64	SPS600632	37.39
6	6-40/64	SPS600640	37.39
6	6-48/64	SPS600648	37.39
6	6-56/64	SPS600656	37.39
6	7	SPS600700	37.39
6	7-8/64	SPS600708	37.39
6	7-16/64	SPS600716	37.39
6	7-24/64	SPS600724	37.39
8	8-32/64	SPS800832	87.02
8	8-48/64	SPS800848	87.02
8	9	SPS800900	87.02
8	9-16/64	SPS800916	87.02
8	9-32/64	SPS800932	87.02

304 Stainless

3/4	1-4/64	SSS075104	6.55
3/4	1-8/64	SSS075108	6.55
3/4	1-12/64	SSS075112	6.55
3/4	1-16/64	SSS075116	6.55
3/4	1-24/64	SSS075124	6.55
1	1-16/64	SSS100116	6.87
1	1-20/64	SSS100120	6.87
1	1-24/64	SSS100124	6.87
1	1-28/64	SSS100128	6.87
1	1-32/64	SSS100132	6.87
1	1-36/64	SSS100136	6.87
1	1-40/64	SSS100140	6.87
1	1-44/64	SSS100144	6.87
1	1-48/64	SSS100148	6.87
1-1/4	1-56/64	SSS125156	7.96
1-1/4	2	SSS125200	7.96

continued on next page

304 Stainless Sleeves

(continued from previous page)

1-1/2	1-52/64	SSS150152	8.27	3	3-32/64	SAL300332	16.07
1-1/2	1-56/64	SSS150156	8.27	3	3-36/64	SAL300336	16.07
1-1/2	1-60/64	SSS150160	8.27	3	3-40/64	SAL300340	16.07
1-1/2	2	SSS150200	8.27	3	3-44/64	SAL300344	16.07
1-1/2	2-4/64	SSS150204	8.27	3	3-48/64	SAL300348	16.07
1-1/2	2-8/64	SSS150208	8.27	3	3-52/64	SAL300352	16.07
1-1/2	2-12/64	SSS150212	8.27	3	3-56/64	SAL300356	16.07
1-1/2	2-16/64	SSS150216	8.27	3	3-60/64	SAL300360	16.07
1-1/2	2-20/64	SSS150220	8.27	3	4	SAL300400	16.07
1-1/2	2-24/64	SSS150224	8.27	3	4-4/64	SAL300404	16.07
2	2-16/64	SSS200216	12.33	4	4-36/64	SAL400436	21.51
2	2-24/64	SSS200224	12.33	4	4-40/64	SAL400440	21.51
2	2-28/64	SSS200228	12.33	4	4-44/64	SAL400444	21.51
2	2-32/64	SSS200232	12.33	4	4-48/64	SAL400448	21.51
2	2-36/64	SSS200236	12.33	4	4-52/64	SAL400452	21.51
2	2-40/64	SSS200240	12.33	4	4-56/64	SAL400456	21.51
2	2-44/64	SSS200244	12.33	4	4-60/64	SAL400460	21.51
2	2-48/64	SSS200248	12.33	4	5	SAL400500	21.51
2	2-52/64	SSS200252	12.33	4	5-4/64	SAL400504	21.51
2	2-56/64	SSS200256	12.33	4	5-8/64	SAL400508	21.51
2	2-60/64	SSS200260	12.33	6	6-32/64	SAL600632	63.55
2	3	SSS200300	12.33	6	6-40/64	SAL600640	63.55
2	3-2/64	SSS200302	12.33	6	6-48/64	SAL600648	63.55
2-1/2	3	SSS250300	16.08	6	6-56/64	SAL600656	63.55
2-1/2	3-8/64	SSS250308	16.08				
2-1/2	3-16/64	SSS250316	16.08				
2-1/2	3-24/64	SSS250324	16.08				
2-1/2	3-32/64	SSS250332	16.08				
2-1/2	3-34/64	SSS250334	16.08				
3	3-24/64	SSS300324	17.94				
3	3-28/64	SSS300328	17.94				
3	3-32/64	SSS300332	17.94				
3	3-36/64	SSS300336	17.94				
3	3-40/64	SSS300340	17.94				
3	3-44/64	SSS300344	17.94				
3	3-48/64	SSS300348	17.94				
3	3-52/64	SSS300352	17.94				
3	3-56/64	SSS300356	17.94				
3	3-60/64	SSS300360	17.94				
3	4	SSS300400	17.94				
3	4-2/64	SSS300402	17.94				
4	4-32/64	SSS400432	29.81				
4	4-36/64	SSS400436	29.81				
4	4-40/64	SSS400440	29.81				
4	4-44/64	SSS400444	29.81				
4	4-48/64	SSS400448	29.81				
4	4-52/64	SSS400452	29.81				
4	4-56/64	SSS400456	29.81				
4	4-60/64	SSS400460	29.81				
4	5	SSS400500	29.81				
4	5-2/64	SSS400502	29.81				
Aluminum							
2	2-28/64	SAL200228	10.63				
2	2-32/64	SAL200232	10.63				
2	2-36/64	SAL200236	10.63				
2	2-40/64	SAL200240	10.63				
2	2-44/64	SAL200244	10.63				
2	2-48/64	SAL200248	10.63				
2	2-52/64	SAL200252	10.63				
2	2-56/64	SAL200256	10.63				
2	2-60/64	SAL200260	10.63				
2	3	SAL200300	10.63				

SLEEVES

for use with products shown below only:



Combination Nipples (page 5)



Suction Hose Couplings (page 7)



Ball & Socket Couplings (page 9)



Plated Steel

hose size	sleeve i.d.	part number	list each
1/2	1	SPS050100S	4.29
3/4	1-8/64	SPS075108S	4.45
3/4	1-20/64	SPS075120S	4.45
3/4	1-24/64	SPS075124S	4.45
1	1-28/64	SPS100128S	4.61
1	1-32/64	SPS100132S	4.61
1	1-36/64	SPS100136S	4.61
1	1-40/64	SPS100140S	4.61
1	1-44/64	SPS100144S	4.61
1	1-48/64	SPS100148S	4.61
1-1/4	1-40/64	SPS125140S	4.78
1-1/4	1-48/64	SPS125148S	4.78
1-1/4	1-52/64	SPS125152S	4.78
1-1/4	1-56/64	SPS125156S	4.78
1-1/2	1-60/64	SPS150160S	4.94
1-1/2	2	SPS150200S	4.94
1-1/2	2-4/64	SPS150204S	4.94
1-1/2	2-8/64	SPS150208S	4.94
1-1/2	2-12/64	SPS150212S	4.94
1-1/2	2-16/64	SPS150216S	4.94
1-1/2	2-20/64	SPS150220S	4.94
1-1/2	2-24/64	SPS150224S	4.94



2	2-8/64	SPS200208S	5.99
2	2-16/64	SPS200216S	5.99
2	2-24/64	SPS200224S	5.99
2	2-28/64	SPS200228S	5.99
2	2-32/64	SPS200232S	5.99
2	2-36/64	SPS200236S	5.99
2	2-40/64	SPS200240S	5.99
2	2-44/64	SPS200244S	5.99
2	2-48/64	SPS200248S	5.99
2	2-52/64	SPS200252S	5.99
2	2-56/64	SPS200256S	5.99
2	2-60/64	SPS200260S	5.99
2	3	SPS200300S	5.99
2-1/2	2-48/64	SPS250248S	7.79
2-1/2	2-56/64	SPS250256S	7.79
2-1/2	3	SPS250300S	7.79
2-1/2	3-8/64	SPS250308S	7.79
2-1/2	3-16/64	SPS250316S	7.79
2-1/2	3-24/64	SPS250324S	7.79
2-1/2	3-32/64	SPS250332S	7.79
3	3-8/64	SPS300308S	10.59
3	3-16/64	SPS300316S	10.59
3	3-24/64	SPS300324S	10.59
3	3-28/64	SPS300328S	10.59
3	3-32/64	SPS300332S	10.59
3	3-36/64	SPS300336S	10.59
3	3-40/64	SPS300340S	10.59
3	3-44/64	SPS300344S	10.59
3	3-48/64	SPS300348S	10.59
3	3-52/64	SPS300352S	10.59
3	3-56/64	SPS300356S	10.59
3	3-60/64	SPS300360S	10.59
3	4	SPS300400S	10.59
4	4-16/64	SPS400416S	14.26
4	4-24/64	SPS400424S	14.26
4	4-32/64	SPS400432S	14.26
4	4-36/64	SPS400436S	14.26
4	4-40/64	SPS400440S	14.26
4	4-44/64	SPS400444S	14.26
4	4-48/64	SPS400448S	14.26
4	4-52/64	SPS400452S	14.26
4	4-56/64	SPS400456S	14.26
4	4-60/64	SPS400460S	14.26
4	5	SPS400500S	14.26
6	6-16/64	SPS600616	37.39
6	6-24/64	SPS600624	37.39
6	6-32/64	SPS600632	37.39
6	6-40/64	SPS600640	37.39
6	6-48/64	SPS600648	37.39
6	6-56/64	SPS600656	37.39
6	7	SPS600700	37.39
6	7-8/64	SPS600708	37.39
6	7-16/64	SPS600716	37.39
6	7-24/64	SPS600724	37.39
8	8-32/64	SPS800832	87.02
8	8-48/64	SPS800848	87.02
8	9	SPS800900	87.02
8	9-16/64	SPS800916	87.02
8	9-32/64	SPS800932	87.02

304 Stainless

1/2	1	SSS050100S	6.40
3/4	1-4/64	SSS075104S	6.72
3/4	1-8/64	SSS075108S	6.72
3/4	1-12/64	SSS075112S	6.72
3/4	1-16/64	SSS075116S	6.72
3/4	1-20/64	SSS075120S	6.72
3/4	1-24/64	SSS075124S	6.72
1	1-28/64	SSS100128S	7.02
1	1-32/64	SSS100132S	7.02
1	1-36/64	SSS100136S	7.02
1	1-40/64	SSS100140S	7.02
1	1-44/64	SSS100144S	7.02
1	1-48/64	SSS100148S	7.02
1-1/4	1-40/64	SSS125140S	8.12
1-1/4	1-48/64	SSS125148S	8.12
1-1/4	1-52/64	SSS125152S	8.12
1-1/4	1-56/64	SSS125156S	8.12
1-1/2	1-60/64	SSS150150S	8.58
1-1/2	2	SSS150200S	8.58
1-1/2	2-4/64	SSS150204S	8.58
1-1/2	2-8/64	SSS150208S	8.58
1-1/2	2-12/64	SSS150212S	8.58
1-1/2	2-16/64	SSS150216S	8.58
1-1/2	2-20/64	SSS150220S	8.58
1-1/2	2-24/64	SSS150224S	8.58
2	2-8/64	SSS200208S	12.33
2	2-16/64	SSS200216S	12.33
2	2-24/64	SSS200224S	12.33
2	2-28/64	SSS200228S	12.33
2	2-32/64	SSS200232S	12.33
2	2-36/64	SSS200236S	12.33
2	2-40/64	SSS200240S	12.33
2	2-44/64	SSS200244S	12.33
2	2-48/64	SSS200248S	12.33
2	2-52/64	SSS200252S	12.33
2	2-56/64	SSS200256S	12.33
2	2-60/64	SSS200260S	12.33
2	3	SSS200300S	12.33
2-1/2	3-8/64	SSS250308S	16.08
2-1/2	3-16/64	SSS250316S	16.08
2-1/2	3-24/64	SSS250324S	16.08
2-1/2	3-32/64	SSS250332S	16.08
3	3-8/64	SSS300308S	17.94
3	3-16/64	SSS300316S	17.94
3	3-24/64	SSS300324S	17.94
3	3-28/64	SSS300328S	17.94
3	3-32/64	SSS300332S	17.94
3	3-36/64	SSS300336S	17.94
3	3-40/64	SSS300340S	17.94
3	3-44/64	SSS300344S	17.94
3	3-48/64	SSS300348S	17.94
3	3-52/64	SSS300352S	17.94
3	3-56/64	SSS300356S	17.94
3	3-60/64	SSS300360S	17.94
3	4	SSS300400S	17.94
4	4-16/64	SSS400416S	29.81
4	4-24/64	SSS400424S	29.81
4	4-32/64	SSS400432S	29.81
4	4-36/64	SSS400436S	29.81
4	4-40/64	SSS400440S	29.81
4	4-44/64	SSS400444S	29.81
4	4-48/64	SSS400448S	29.81
4	4-52/64	SSS400452S	29.81
4	4-56/64	SSS400456S	29.81
4	4-60/64	SSS400460S	29.81
4	5	SSS400500S	29.81