



CRIMPING SPECIFICATIONS

CRIMPING SPECIFICATIONS - 1-1/2"

± Recommended crimp % reduction is 20% for all sizes. This is a guide only. Crimp reductions can range from 18-25% and will vary from crimper to crimper. Please consult the NAHAD Industrial Hose Assembly Guidelines. The information that is provided here is based on a 72° F (+22° C) environment.

Hose I.D.		Ferrule/ Sleeve	Hose O. D.		Wall Thickness		Crimp O. D.	
(in.)	(mm)	Part No.	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
1-1/2	38.10	115F15P	1.796	45.62	0.148	3.75	1.86	47.23
		115S15P	1.812	46.02	0.156	3.96	1.87	47.52
			1.828	46.43	0.164	4.17	1.88	47.83
			1.844	46.84	0.172	4.37	1.90	48.16
			1.860	47.24	0.180	4.57	1.91	48.41
			1.876	47.65	0.188	4.78	1.92	48.77
			1.890	48.01	0.195	4.95	1.93	49.02
			1.906	48.41	0.203	5.16	1.94	49.23
1-1/2	38.10	200F15P	1.922	48.82	0.211	5.36	1.96	49.78
		200S15P	1.938	49.23	0.219	5.56	1.97	50.01
			1.954	49.63	0.227	5.77	1.98	50.39
			1.968	49.99	0.234	5.94	2.00	50.80
1-1/2	38.10	201F15P	1.984	50.39	0.242	6.15	2.01	51.05
		201S15P	2.000	50.80	0.250	6.35	2.02	51.28
			2.016	51.21	0.258	6.55	2.03	51.59
			2.032	51.61	0.266	6.76	2.05	52.07
1-1/2	38.10	202F15P	2.046	51.97	0.273	6.93	2.06	52.22
		202S15P	2.062	52.37	0.281	7.14	2.07	52.53
			2.078	52.78	0.289	7.34	2.08	52.86
			2.094	53.19	0.297	7.54	2.09	53.16
1-1/2	38.10	203F15P	2.110	53.59	0.305	7.75	2.11	53.47
		203S15P	2.126	54.00	0.313	7.95	2.12	53.80
			2.140	54.36	0.320	8.13	2.13	54.10
			2.156	54.76	0.328	8.33	2.14	54.41
1-1/2	38.10	204F15P	2.172	55.17	0.336	8.53	2.16	54.74
		204S15P	2.188	55.58	0.344	8.74	2.17	55.04
			2.204	55.98	0.352	8.94	2.18	55.35
			2.218	56.34	0.359	9.12	2.19	55.68
1-1/2	38.10	205F15P	2.234	56.74	0.367	9.32	2.21	56.13
		205S15P	2.250	57.15	0.375	9.53	2.22	56.31
			2.266	57.56	0.383	9.73	2.23	56.62
			2.282	57.96	0.391	9.93	2.24	56.92
1-1/2	38.10	206F15P	2.296	58.32	0.398	10.11	2.25	57.24
		206S15P	2.312	58.72	0.406	10.31	2.27	57.55
			2.328	59.13	0.414	10.52	2.28	57.87
			2.344	59.54	0.422	10.72	2.29	58.18

CRIMPING SPECIFICATIONS



CRIMPING SPECIFICATIONS - 2"

± Recommended crimp % reduction is 20% for all sizes. This is a guide only. Crimp reductions can range from 18-25% and will vary from crimper to crimper. Please consult the NAHAD Industrial Hose Assembly Guidelines. The information that is provided here is based on a 72° F (+22° C) environment.

Hose I.D.		Ferrule/ Sleeve	Hose O. D.		Wall Thickness		Crimp O. D.	
(in.)	(mm)	Part No.	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
2	50.80	208F20P	2.360	59.94	0.180	4.57	2.41	61.16
		208S20P	2.376	60.35	0.188	4.77	2.42	61.47
			2.390	60.71	0.195	4.95	2.43	61.79
			2.406	61.11	0.203	5.16	2.44	62.10
			2.422	61.52	0.211	5.36	2.46	62.41
			2.438	61.93	0.219	5.56	2.47	62.73
			2.454	62.33	0.227	5.77	2.48	63.04
			2.468	62.69	0.234	5.94	2.49	63.36
		2	50.80	209F20P	2.484	63.09	0.242	6.15
209S20P	2.500			63.50	0.250	6.35	2.52	63.98
	2.516			63.91	0.258	6.55	2.53	64.30
	2.532			64.31	0.266	6.76	2.55	64.92
2	50.80	210F20P	2.546	64.67	0.273	6.93	2.56	65.02
		210S20P	2.562	65.07	0.281	7.14	2.57	64.24
			2.578	65.48	0.289	7.34	2.58	65.55
			2.594	65.89	0.297	7.54	2.59	65.86
2	50.80	211F20P	2.610	66.29	0.305	7.74	2.61	66.29
		211S20P	2.626	66.70	0.313	7.95	2.62	66.49
			2.640	67.06	0.320	8.13	2.63	66.80
			2.656	67.46	0.328	8.33	2.64	67.12
2	50.80	212F20P	2.672	67.87	0.336	8.53	2.66	67.56
		212S20P	2.688	68.28	0.344	8.74	2.67	67.74
			2.704	68.68	0.352	8.94	2.68	68.06
			2.718	69.04	0.359	9.12	2.69	68.37
2	50.80	213F20P	2.734	69.44	0.367	9.32	2.71	68.83
		213S20P	2.750	69.85	0.375	9.52	2.72	69.00
			2.766	70.26	0.383	9.73	2.73	69.31
			2.782	70.66	0.391	9.93	2.74	69.63
2	50.80	214F20P	2.796	71.02	0.398	10.11	2.75	69.94
		214S20P	2.812	71.42	0.406	10.31	2.77	70.36
			2.828	71.83	0.414	10.51	2.78	70.57
			2.844	72.24	0.422	10.72	2.79	70.88
2	50.80	215F20P	2.860	72.64	0.430	10.92	2.80	71.19
		215S20P	2.876	73.05	0.438	11.12	2.82	71.51
			2.890	73.41	0.445	11.30	2.83	71.82
			2.906	73.81	0.453	11.51	2.84	72.13

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CRIMPING SPECIFICATIONS

CRIMPING SPECIFICATIONS - 2-1/2"

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Hose I.D.		Ferrule/ Sleeve	Hose O. D.		Wall Thickness		Crimp O. D.	
(in.)	(mm)	Part No.	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
2-1/2	63.50	302F25P	2.984	75.79	0.242	6.15	3.01	76.45
		302S25P	3.000	76.20	0.250	6.35	3.02	76.71
			3.016	76.61	0.258	6.55	3.03	76.96
			3.032	77.01	0.266	6.76	3.05	77.47
			3.048	77.42	0.274	6.96	3.06	77.72
			3.062	77.77	0.281	7.14	3.07	77.98
			3.078	78.18	0.289	7.34	3.08	78.23
			3.094	78.59	0.297	7.54	3.09	78.49
2-1/2	63.50	303F25P	3.110	78.99	0.305	7.75	3.11	78.99
		303S25P	3.126	79.40	0.313	7.95	3.12	79.25
			3.140	79.76	0.320	8.13	3.13	79.50
			3.156	80.16	0.328	8.33	3.14	79.76
2-1/2	63.50	304F25P	3.172	80.57	0.336	8.53	3.16	80.26
		304S25P	3.188	80.98	0.344	8.74	3.17	80.52
			3.204	81.38	0.352	8.94	3.18	80.77
			3.220	81.79	0.360	9.14	3.19	81.03
2-1/2	63.50	305F25P	3.234	82.14	0.367	9.32	3.21	81.53
		305S25P	3.250	82.55	0.375	9.53	3.22	81.79
			3.266	82.96	0.383	9.73	3.23	82.04
			3.282	83.36	0.391	9.93	3.24	82.30
2-1/2	63.50	307F25P	3.300	83.82	0.400	10.16	3.26	82.80
		307S25P	3.312	84.12	0.406	10.31	3.27	83.06
			3.328	84.53	0.414	10.52	3.28	83.31
			3.344	84.94	0.422	10.72	3.29	83.57
			3.360	85.34	0.430	10.92	3.31	84.07
			3.376	85.75	0.438	11.13	3.32	84.33
			3.390	86.11	0.445	11.30	3.33	84.58
			3.406	86.51	0.453	11.51	3.34	84.84

CRIMPING SPECIFICATIONS



CRIMPING SPECIFICATIONS - 3"

± Recommended crimp % reduction is 20% for all sizes. This is a guide only. Crimp reductions can range from 18-25% and will vary from crimper to crimper. Please consult the NAHAD Industrial Hose Assembly Guidelines. The information that is provided here is based on a 72° F (+22° C) environment.

Hose I.D.		Ferrule/ Sleeve Part No.	Hose O. D.		Wall Thickness		Crimp O. D.	
(in.)	(mm)		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
3"	76.20	308F30P	3.360	85.34	0.180	4.57	3.47	88.14
		308S30P	3.376	85.75	0.188	4.78	3.48	88.39
			3.392	86.16	0.196	4.98	3.49	88.65
			3.406	86.51	0.203	5.16	3.50	88.90
3"	76.20	309F30P	3.422	86.92	0.211	5.36	3.52	89.41
		309S30P	3.438	87.33	0.219	5.56	3.53	89.66
			3.454	87.73	0.227	5.77	3.54	89.92
			3.468	88.09	0.234	5.94	3.55	90.17
			3.484	88.49	0.242	6.15	3.57	90.68
			3.500	88.90	0.250	6.35	3.58	90.93
			3.516	89.31	0.258	6.55	3.59	91.19
			3.532	89.71	0.266	6.76	3.61	91.69
3"	76.20	310F30P	3.546	90.07	0.273	6.93	3.62	91.95
		310S30P	3.562	90.47	0.281	7.14	3.63	92.20
			3.578	90.88	0.289	7.34	3.64	92.46
			3.594	91.29	0.297	7.54	3.65	92.71
3"	76.20	311F30P	3.610	91.69	0.305	7.75	3.67	93.22
		311S30P	3.626	92.10	0.313	7.95	3.68	93.47
			3.640	92.46	0.320	8.13	3.69	93.73
			3.656	92.86	0.328	8.33	3.70	93.98
3"	76.20	312F30P	3.672	93.27	0.336	8.53	3.72	94.49
		312S30P	3.688	93.68	0.344	8.74	3.73	94.74
			3.704	94.08	0.352	8.94	3.74	95.00
			3.718	94.44	0.359	9.12	3.75	95.25
3"	76.20	313F30P	3.734	94.84	0.367	9.32	3.77	95.76
		313S30P	3.750	95.25	0.375	9.53	3.78	96.01
			3.766	95.66	0.383	9.73	3.79	96.27
			3.782	96.06	0.391	9.93	3.80	96.52
3"	76.20	314F30P	3.796	96.42	0.398	10.11	3.81	96.77
		314S30P	3.812	96.82	0.406	10.31	3.83	97.28
			3.828	97.23	0.414	10.52	3.84	97.54
			3.844	97.64	0.422	10.72	3.85	97.79
3"	76.20	315F30P	3.860	98.04	0.430	10.92	3.86	98.04
		315S30P	3.876	98.45	0.438	11.13	3.88	98.55
			3.890	98.81	0.445	11.30	3.89	98.81
			3.906	99.21	0.453	11.51	3.90	99.06
3"	76.20	400F30P	3.922	99.62	0.461	11.71	3.91	99.31
		400S30P	3.938	100.03	0.469	11.91	3.93	99.82
			3.954	100.43	0.477	12.12	3.94	100.08
			3.968	100.79	0.484	12.29	3.95	100.33

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CRIMPING SPECIFICATIONS

CRIMPING SPECIFICATIONS - 4"

± Recommended crimp % reduction is 20% for all sizes. This is a guide only. Crimp reductions can range from 18-25% and will vary from crimper to crimper. Please consult the NAHAD Industrial Hose Assembly Guidelines. The information that is provided here is based on a 72° F (+22° C) environment.

Hose I.D.		Ferrule/ Sleeve	Hose O. D.		Wall Thickness		Crimp O. D.	
(in.)	(mm)	Part No.	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
4	101.80	409F40P	4.422	112.32	0.211	5.36	4.52	114.81
		409S40P	4.438	112.73	0.219	5.56	4.53	115.06
			4.454	113.13	0.227	5.77	4.54	115.32
			4.468	113.49	0.234	5.94	4.55	115.57
			4.484	113.89	0.242	6.15	4.57	116.08
			4.500	114.30	0.250	6.35	4.58	116.33
			4.516	114.71	0.258	6.55	4.59	116.59
			4.532	115.11	0.266	6.76	4.61	117.09
4	101.80	410F40P	4.456	113.18	0.273	6.93	4.62	117.35
		410S40P	4.562	115.87	0.281	7.14	4.63	117.60
			4.578	116.28	0.289	7.34	4.64	117.86
4	101.80		4.594	116.69	0.297	7.54	4.65	118.11
		411F40P	4.610	117.09	0.305	7.75	4.67	118.62
		411S40P	4.626	117.50	0.313	7.95	4.68	118.87
4	101.80		4.640	117.86	0.320	8.13	4.69	119.13
			4.656	118.26	0.328	8.33	4.70	119.38
		412F40P	4.672	118.67	0.336	8.53	4.72	119.89
4	101.80	412S40P	4.688	119.08	0.344	8.74	4.73	120.14
			4.704	119.48	0.352	8.94	4.74	120.40
			4.718	119.84	0.359	9.12	4.76	120.90
4	101.80	413F40P	4.734	120.24	0.367	9.32	4.77	121.16
		413S40P	4.750	120.65	0.375	9.53	4.78	121.41
			4.766	121.06	0.383	9.73	4.79	121.67
			4.782	121.46	0.391	9.93	4.80	121.92
4	101.8	414F40P	4.796	121.82	0.398	10.11	4.81	122.17
		414S40P	4.812	122.22	0.406	10.31	4.83	122.68
			4.828	122.63	0.414	10.52	4.84	122.94
			4.844	123.04	0.422	10.72	4.85	123.19
4	101.80	415F40P	4.860	123.44	0.430	10.92	4.86	123.44
		415S40P	4.876	123.85	0.438	11.13	4.88	123.95
			4.890	124.21	0.445	11.30	4.89	124.21
			4.906	124.61	0.453	11.51	4.90	124.46
4	101.80	500F40P	4.922	125.02	0.461	11.71	4.91	124.71
		500S40P	4.938	125.43	0.469	11.91	4.93	125.22
			4.954	125.83	0.477	12.12	4.94	125.48
			4.968	126.19	0.484	12.29	4.95	125.73

CRIMPING SPECIFICATIONS



CRIMPING SPECIFICATIONS - 6"

± Recommended crimp % reduction is 20% for all sizes. This is a guide only. Crimp reductions can range from 18-25% and will vary from crimper to crimper. Please consult the NAHAD Industrial Hose Assembly Guidelines. The information that is provided here is based on a 72° F (+22° C) environment.

Hose I.D.		Ferrule/ Sleeve Part No.	Hose O. D.		Wall Thickness		Crimp O. D.			
(in.)	(mm)		(in.)	(mm)	(in.)	(mm)	(in.)	(mm)		
6	152.40	610F60P	6.422	163.12	0.211	5.36	6.58	167.13		
		610S60P	6.438	163.53	0.219	5.56	6.59	167.39		
			6.454	163.93	0.227	5.77	6.60	167.64		
			6.468	164.29	0.234	5.94	6.61	167.89		
			6.484	164.69	0.242	6.15	6.63	168.40		
			6.500	165.10	0.250	6.35	6.64	168.66		
			6.516	165.51	0.258	6.55	6.65	168.91		
			6.532	165.91	0.266	6.76	6.67	169.42		
			6.546	166.27	0.273	6.93	6.68	169.67		
			6.562	166.67	0.281	7.14	6.69	169.93		
			6.578	167.08	0.289	7.34	6.70	170.18		
			6.594	167.49	0.297	7.54	6.71	170.43		
		6	152.40	614F60P	6.610	167.89	0.308	7.82	6.73	170.94
				614S60P	6.626	168.30	0.313	7.95	6.74	171.20
	6.640			168.66	0.320	8.13	6.75	171.45		
	6.656			169.06	0.328	8.33	6.76	171.70		
	6.672			169.47	0.336	8.53	6.78	172.21		
	6.688			169.88	0.344	8.74	6.79	172.47		
	6.704			170.28	0.352	8.94	6.80	172.72		
	6.718			170.64	0.359	9.12	6.81	172.97		
	6.734			171.04	0.367	9.32	6.83	173.48		
	6.750			171.45	0.375	9.53	6.84	173.74		
	6.766			171.86	0.383	9.73	6.85	173.99		
	6.782			172.26	0.391	9.93	6.86	174.24		
	6.796			172.62	0.398	10.11	6.87	174.50		
	6.812			173.02	0.406	10.31	6.89	175.01		
6	152.40	702F60P	6.860	174.24	0.430	10.92	6.92	175.77		
		702S60P	6.876	174.65	0.438	11.13	6.94	176.28		
			6.890	175.01	0.445	11.30	6.95	176.53		
			6.906	175.41	0.453	11.51	6.96	176.78		
			6.922	175.82	0.461	11.71	6.97	177.04		
			6.938	176.23	0.469	11.91	6.99	177.55		
			6.954	176.63	0.477	12.12	7.00	177.80		
			6.970	177.04	0.485	12.32	7.01	178.05		
			6.984	177.39	0.492	12.50	7.02	178.31		
			7.000	177.80	0.500	12.70	7.04	178.82		
			7.016	178.21	0.508	12.90	7.05	179.07		
			7.032	178.61	0.516	13.11	7.06	179.32		
			7.046	178.97	0.523	13.28	7.07	179.58		
			7.062	179.37	0.531	13.49	7.08	179.83		
	7.078	179.78	0.539	13.69	7.10	180.34				
	7.094	180.19	0.547	13.89	7.11	180.59				

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CRIMPING SPECIFICATIONS

AT-A-GLANCE FERRULE/SLEEVE SELECTION CHART FOR JASON HOSE & COUPLINGS

Hose I.D.		Ferrule Part No.	Sleeve Part No.	Min OD		Max OD	
(in.)	(mm)			(in.)	(mm)	(in.)	(mm)
1 1/2	38.10	115F15P	115S15P	1.796	45.62	1.906	48.41
1 1/2	38.10	200F16P	200S16P	1.922	48.82	1.968	49.99
1 1/2	38.10	201F15P	201S15P	1.984	50.39	2.020	51.31
1 1/2	38.10	202F15P	202S15P	2.046	51.97	2.094	53.19
1 1/2	38.10	203F15P	203S15P	2.110	53.59	2.156	54.76
1 1/2	38.10	204F15P	204S15P	2.172	55.17	2.218	56.34
1 1/2	38.10	205F15P	205S15P	2.224	56.49	2.282	57.96
1 1/2	38.10	206F15P	206S15P	2.296	58.32	2.344	59.54
2	50.80	208F20p	208S20P	2.360	59.94	2.468	62.69
2	50.80	209F20P	209S20P	2.484	63.09	2.532	64.31
2	50.80	210F20P	210S20P	2.546	64.67	2.594	65.89
2	50.80	211F20P	211S20P	2.610	66.29	2.656	67.46
2	50.80	212F20P	212S20P	2.672	67.87	2.718	69.04
2	50.80	213F20P	213S20P	2.734	69.44	2.782	70.66
2	50.80	214F20P	214S20P	2.796	71.02	2.844	72.24
2	50.80	215F20P	215S20P	2.860	72.64	2.906	73.81
2 1/2	63.50	302F25P	302S25P	2.984	75.79	3.094	78.59
2 1/2	63.50	303F25P	303S25P	3.110	78.99	3.156	80.16
2 1/2	63.50	304F25P	304S25P	3.172	80.57	3.220	81.79
2 1/2	63.50	305F25P	305S25P	3.234	82.14	3.282	83.36
2 1/2	63.50	307F25P	307S25P	3.300	83.82	3.406	86.51
3	76.20	308F30P	308S30P	3.360	85.34	3.406	86.51
3	76.20	309F30P	309S30P	3.422	86.92	3.532	89.71
3	76.20	310F30P	310S30P	3.546	90.07	3.594	91.29
3	76.20	311F30P	311S30P	3.610	91.69	3.656	92.86
3	76.20	312F30P	312S30P	3.672	93.27	3.718	94.44
3	76.20	313F30P	313S30P	3.734	94.84	3.782	96.06
3	76.20	314F30P	314S30P	3.796	96.42	3.844	97.64
3	76.20	315F30P	315S30P	3.860	98.04	3.906	99.21
3	76.20	400F30P	400S30P	3.922	99.62	3.968	100.79
4	101.80	409F40P	409S40P	4.422	112.32	4.532	115.11
4	101.80	410F40P	410S40P	4.546	115.47	4.594	116.69
4	101.80	411F40P	411S40P	4.610	117.09	4.656	118.26
4	101.80	412F40P	412S40P	4.672	118.67	4.718	119.84
4	101.80	413F40P	413S40P	4.734	120.24	4.782	121.46
4	101.80	414F40P	414S40P	4.796	121.82	4.844	123.04
4	101.80	415F40P	415S40P	4.860	123.44	4.906	124.61
4	101.80	500F40P	500S40P	4.922	125.02	4.968	126.19
6	152.40	610F60P	610S60P	6.422	163.12	6.594	167.49
6	152.40	614F60P	614S60P	6.610	167.89	6.844	173.84
6	152.40	702F60P	702S60P	6.860	174.24	7.094	180.19
6	152.40	706F60P	706S60P	7.110	180.59	7.344	186.54