

FELKER PIPING PRODUCTS

A DIVISION OF FELKER BROTHERS CORPORATION



22 North Chestnut Avenue, Marshfield, Wisconsin 54449

Telephone: 800-826-2304

Fax: 715-387-6837

www.felkerbrothers.com

Over 100 Years of Excellence
Est. 1903

"Your Complete Combination in Stainless Steel Piping Products."



A-312 PIPE

304/304L and 316/316L Dual Certified
2" - 24" Sch5S, Sch10S and Sch40S
8" - 12" .250 nominal (Sch20)
14" - 20" .250 nominal (Sch10)

SPECIFICATIONS

ASTM A-312
ASME SA-312
ASTM A-312 X-ray
ASTM A-358 Class 1 and 2
ASME SA-358 Class 1 and 2
NACE MRO 103
NACE MRO 175
ANSI/AWWA C-220
ASTM A-999

A-778 PIPE

304L and 316L
3" - 36" Sch5S and Sch10S
6" - 96" gauge/plate thickness to .5"

SPECIFICATIONS

ASTM A-778
ASTM A-999



A-269/SA-249 TUBE

304/304L and 316/316L Dual Certified
3" - 6" OD .065 - .120 wall

SPECIFICATIONS

ASTM A-249
ASME SA-249
ASTM A-269
ASTM A-1016

A-778 TUBE

304L and 316L
3" - 12" OD .065 - .120 wall

SPECIFICATIONS

ASTM A-778
ASTM A-999

Special alloys, diameter sizes, and gauge thicknesses are available upon request for all pipe and tube products.
Up to 50 foot lengths are also available upon request for pipe and tube products.

Certifications

Felker Brothers Corporation is proud to have achieved certification in each of the following:

PED Material Manufacturer EN 10204 3.1

NSF/ANSI Standard 61 Drinking Water System Components

ISO 9001:2008

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Stainless Steel 90 and 45 Elbows, Concentric and Eccentric Reducers, Tees, Laterals and Wyes

304/304L and 316/316L Dual Certified
3" - 36" Sch55 and Sch10S
3" - 6" Sch40S
3" - 12" 14GA - 12GA Tube Fittings
10" - 96" gauge/plate thickness to .5"

SPECIFICATIONS

ASTM A-403 CR
ASME SA-403 CR
ASTM A-403 WPW
ASME SA-403 WPW

ASTM A-403 WPWX
ASME SA-403 WPWX
ASTM A-774
ASTM A-960

CRN numbers, odd degree elbows, laterals, wyes and non-standard fabricated fittings are all available upon request. Please consult a Felker Brothers' Sales Representative for additional assistance.



Stainless Steel Face Rings and Stub Ends

1" - 48" 316L Angle and Flat Face Rings
3" - 24" 316L FLK-38 Stub Ends
2" - 48" 316L Angle and Flat Face Stub Ends
3" - 24" 304L and 316L A-403 Type A Stub Ends

Other sizes and alloys are available upon request. Custom fittings manufactured to your specifications within 2-3 days for ASTM A-774 and ASTM A-403 CR/WPW are also available.



Flanges

1" - 36" A-536 DI Painted and Galvanized Back-Up Flanges
42" - 96" Carbon Steel Painted and Galvanized Back-Up Flanges
1" - 48" Stainless Steel Plate and Back-Up Flanges 304L and 316L
1" - 48" Carbon Steel Blind Flanges and Stainless Clad Blind Flanges
2" - 24" Painted FLK-39 A36 Carbon Steel Flanges
2" - 24" A-536 Domestic DI Painted and Galvanized Back-Up Flanges

End Prep Options

Roll Groove
Bell
Flange
Tangent
Bevel

Specialty Items

M/M Connectors
Diamond Clean Outs
Plug Type Clean Outs
Vee Grip Clamps
Tube to Pipe Adapters
Ozone/Oxygen Cleaned and Packed
PMI Testing
Dye Penetrant Testing
Radiographic/X-ray Testing

Packing Capabilities

Plastic End Caps
Cardboard Sleeves
Wood Crates

All Felker stainless steel products are immersion pickled and passivated following manufacturing.

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PIPE SCHEDULES AND WEIGHTS

THICKNESSES MANUFACTURED BY FELKER BROS. ARE HIGHLIGHTED

SCHEDULE		5S		10S		40S		10		20		30		40		STD		
Di. (NOM.)	OD	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	
OD	mm	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	
1/2"	13	0.065	1.650	0.063	2.100	0.109	2.770					0.095	2.410	0.109	2.770	0.109	2.770	
0.340	21	0.54	0.80	0.68	1.00	0.98	1.27					0.76	1.12	0.86	1.27	0.98	1.27	
3/4"	19	0.095	1.650	0.093	2.100	0.113	3.390					0.095	2.410	0.113	3.390	0.113	3.390	
1.553	27	0.69	1.02	0.87	1.29	1.14	1.69					0.80	1.45	1.14	1.69	1.14	1.69	
1"	25	0.085	1.650	0.109	2.770	0.133	3.390					0.114	2.890	0.133	3.390	0.133	3.390	
1.315	33	0.88	1.30	1.42	2.10	1.99	2.50					1.48	2.19	1.69	2.50	1.69	2.50	
1 1/4"	33	0.065	1.650	0.109	2.770	0.140	3.690					0.117	2.970	0.140	3.690	0.140	3.690	
1.660	42	1.12	1.66	1.82	2.70	2.29	3.40					1.90	2.89	2.29	3.40	2.29	3.40	
1 1/2"	38	0.065	1.650	0.109	2.770	0.145	3.690					0.125	3.170	0.145	3.690	0.145	3.690	
1.900	45	1.39	1.91	2.10	3.11	2.74	4.06					2.39	3.54	2.74	4.06	2.74	4.06	
2"	51	0.065	1.650	0.109	2.770	0.154	3.910					0.125	3.170	0.154	3.910	0.154	3.910	
2.375	60	1.82	2.40	2.66	3.95	3.39	5.48					3.03	4.40	3.89	5.47	3.89	5.47	
2 1/2"	64	0.083	2.100	0.120	3.050	0.203	5.190					0.188	4.770	0.203	5.150	0.203	5.150	
2.875	73	3.50	3.71	3.56	5.28	5.95	8.69					5.45	8.00	6.85	8.68	5.95	8.69	
3"	75	0.083	2.100	0.120	3.050	0.216	5.490					0.188	4.770	0.216	5.490	0.216	5.490	
3.500	83	3.00	4.54	4.37	6.45	7.85	11.36					8.71	9.96	7.85	11.36	7.85	11.36	
3 1/2"	89	0.083	2.100	0.120	3.050	0.226	5.740					0.188	4.770	0.226	5.740	0.226	5.740	
4.500	102	3.50	5.19	5.02	7.45	8.19	13.94					7.73	15.88	9.15	13.64	8.19	13.94	
4"	100	0.083	2.100	0.120	3.050	0.237	6.020					0.188	4.770	0.237	6.020	0.237	6.020	
4.900	114	3.95	5.89	5.67	8.42	10.89	16.17					9.74	12.97	10.89	16.17	10.89	16.17	
5"	125	0.100	2.770	0.134	3.400	0.258	6.850						0.258	6.850	0.258	6.850	0.258	6.850
5.563	141	5.41	9.51	7.84	11.64	14.75	21.90						14.75	15.60	14.75	21.90	14.75	21.90
6"	150	0.100	2.770	0.134	3.400	0.280	7.110						0.280	7.110	0.280	7.110	0.280	7.110
6.625	168	7.88	11.37	9.38	13.92	19.15	28.43						19.15	28.43	19.15	28.43	19.15	28.43
8"	200	0.109	2.770	0.148	3.760	0.322	8.190			0.250	6.350	0.277	7.030	0.322	8.190	0.322	8.190	
8.625	219	10.01	14.88	13.52	20.07	28.82	42.79			22.57	33.51	24.93	37.02	28.82	42.79	28.82	42.79	
10"	250	0.134	3.400	0.165	4.190	0.369	9.270			0.250	6.350	0.307	7.790	0.369	9.270	0.369	9.270	
10.750	273	15.34	22.77	18.83	27.96	40.86	60.97			28.30	42.02	34.56	51.32	40.86	60.97	40.86	60.97	
12"	300	0.150	3.960	0.190	4.870	0.375	9.530			0.250	6.350	0.330	8.390	0.406	10.310	0.375	9.530	
12.750	324	21.18	31.45	24.39	36.21	50.03	74.29			33.69	50.02	44.18	65.60	54.03	80.23	50.03	74.29	
14"	350	0.150	3.960	0.188	4.770			0.250	6.350	0.312	7.920	0.375	9.525	0.438	11.220	0.375	9.525	
14.000	386	23.28	34.57	27.99	41.66	-	-	37.06	55.03	46.04	69.36	55.98	81.79	64.03	95.08	55.08	81.79	
16"	400	0.165	4.190	0.188	4.770			0.250	6.350	0.312	7.920	0.375	9.525	0.500	12.700	0.375	9.525	
16.000	456	28.17	41.83	32.05	47.59	-	-	42.45	63.03	52.78	78.34	63.16	93.79	83.55	124.67	63.16	93.79	
18"	450	0.165	4.190	0.188	4.770			0.250	6.350	0.312	7.920	0.438	11.220	0.562	14.270	0.375	9.525	
18.000	497	31.72	47.10	36.30	52.60	-	-	47.94	71.04	59.49	88.34	62.92	123.13	105.85	156.89	71.25	105.80	
20"	500	0.188	4.770	0.218	5.540			0.250	6.350	0.375	9.525	0.500	12.700	0.594	15.060	0.375	9.525	
20.000	558	40.15	59.42	46.49	66.03	-	-	53.23	79.04	75.33	117.80	106.11	156.08	124.26	184.52	79.33	117.80	
24"	600	0.210	5.540	0.250	6.350			0.250	6.350	0.375	9.525	0.562	14.270	0.688	17.470	0.375	9.525	
24.000	611	55.89	82.99	64.01	95.05	-	-	64.01	95.05	95.50	141.81	142.00	210.87	172.90	256.75	95.50	141.81	
30"	750	0.250	6.350	0.312	7.920			0.312	7.920	0.500	12.700	0.625	15.870			0.375	9.525	
30.000	782	80.16	119.02	89.85	140.27	-	-	89.85	140.27	159.01	236.12	197.91	293.89			119.75	177.84	
36"	900							0.312	7.920	0.500	12.700	0.625	15.870	0.750	19.050	0.375	9.525	
36.000	914							120.03	178.24	191.35	284.15	238.34	353.93	285.00	423.22	144.01	213.85	

12" and smaller diameter pipe supplied in 21' random lengths

40' lengths available upon request

20' random lengths

10' lengths

*SEE STD WALL

OTHER PIPE SIZES AND WALLS PRODUCED

THICKNESSES MANUFACTURED BY FELKER BROS. ARE HIGHLIGHTED

WALL THK (in/mm)		0.188/4.77		0.25/6.35		0.312/7.92		0.500/12.7		0.688/17.47		0.750/19.05	
Di. (NOM.)	OD	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
OD	mm	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m	lb/ft	kg/m
26"	650	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
26.000	688	52.310	77.680	69.390	102.040	86.390	128.280	137.440	204.090	187.720	278.760	204.140	303.140
28"	700	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
28.000	711	55.360	83.690	74.780	111.040	93.120	138.280	148.220	220.100	202.560	300.800	220.310	327.160
30"	750	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
30.000	782	60.410	89.700	80.190	119.600	99.950	148.270	159.010	236.120	217.390	322.820	236.480	351.170
32"	800	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
32.000	812	64.470	95.730	85.860	127.500	106.570	158.250	169.780	252.120	232.220	344.840	252.650	375.180
36"	900	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
36.000	914	72.570	107.760	96.340	143.090	120.030	178.240	191.350	284.150	261.890	388.900	285.000	423.220
38"-44"	940 - 1119	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
38.00-44.00	945 - 1117												
48"-96"	1216 - 2430	0.188	4.770	0.250	6.350	0.312	7.920	0.500	12.700	0.688	17.480	0.750	19.050
48.00-96.00	1219 - 2439												

Nominal Pipe Weight (lb/ft) = (OD - wall) x wall x 10.78

OTHER SIZES AVAILABLE UPON REQUEST

Samples of Varied Industries Served:

- Airport Fuel Lines • Alcohol Processing • Architectural • Automotive • Biodiesel • Breweries • Chemical Plants • Conveyors • Corn Sweetener Lines
- Desalination • Ethanol Production • Evaporator Ducting • Exhaust Ducting • Food Processing • Grain Processing • Hi-Tech/Clean Room
- Marine • Mining • Oil and Gas • Petrochemical • Power Generation • Pulp and Paper • Smoke Stacks • Tanks and Holding Tubes
- Textile Mills (Dyes) • Waste and Water Treatment • Wineries









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SIZE OD	90 Degree Elbows	45 Degree Elbows	1,2 and 3 Step Concentric Reducers	1, 2 and 3 Step Eccentric Reducers	Tees	Reducing Tees	Laterals	Wyes
3" 3.500	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
4" 4.500	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
6" 6.625	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
8" 8.625	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
10" 10.750	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
12" 12.750	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
14" 14.000	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
16" 16.000	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
18" 18.000	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
20" 20.000			A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
24" 24.000			A403CR A403WPW A403WPWX	A403CR A403WPW A403WPWX	A403CR	A403CR	A403CR	A403CR
30" 30.000								
36" 36.000								
42" 42.000								
48" 48.000								
All items are available in A774 WPW and WPWX per ASME B16.9			30" and larger elbows are mitered construction A403CR per MSS-SP43		CRN numbers available upon request Larger sizes available upon request			
Sch5S, Sch10S and Sch40S available								
Sch10S and Sch40S available								
Sch5S and Sch10S available								
Sch10S available only								

Corporate Sales Contacts and Representatives:

Randy Krogman , Sales Manager, Piping Products Division:	715-486-2127, ext. 2127	rkrogman@felkerbrothers.com
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