

# CORE PIPE®

*Piping Solutions That Fit.®*

 **PICOR®**

 **TUBE LINE®**  
STAINLESS

 **TUBE TEC®**

 **BRITE LINE®**

## Stainless Steel Seamless Buttweld Fittings

Types 304/304L, 316/316L  
Fittings Schedules 10S thru 40S

### Price Schedule CP-BW-05-07

Effective 05/01/2007

Subject to change without notice.

Please visit our website at:

[www.corepipe.com](http://www.corepipe.com)



170 Tubeway Drive  
Carol Stream, IL 60188  
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**TYPE 304/304L**

**SCHEDULE 10S**

Nominal Pipe Size (in.)	90 Elbows		45 LR Elbows	Crosses & 180 Return Bend	Tees	Caps	Stub Ends / MSS Type	
	Long Radius	Short Radius					A	
1/2	18.00		18.00		54.00	29.00	38.00	
3/4	18.00		18.00		54.00	34.00	41.00	
1	19.00	90.00	19.00		57.00	40.00	44.00	
1 1/4	31.00	96.00	31.00		134.00	98.00	77.00	
1 1/2	40.00	98.00	40.00		86.00	48.00	36.00	
2	50.00	108.00	50.00		99.00	45.00	42.00	
2 1/2	88.00	145.00	88.00		209.00	67.00	88.00	
3	88.00	132.00	88.00		160.00	59.00	59.00	
3 1/2						140.00		
4	150.00	225.00	120.00		246.00	72.00	84.00	
5	392.00	588.00	314.00		844.00	171.00	210.00	
6	415.00	622.00	311.00		620.00	115.00	156.00	
8	900.00	1,350.00	675.00		1,070.00	235.00	284.00	
10						276.00	720.00	
12						520.00	914.00	

**TYPE 316/316L**

**SCHEDULE 10S**

Nominal Pipe Size (in.)	90 Elbows		45 LR Elbows	Crosses & 180 Return Bend	Tees	Caps	Stub Ends / MSS Type	
	Long Radius	Short Radius					A	
1/2	26.00		26.00		78.00	41.00	41.00	
3/4	26.00		26.00		78.00	56.00	57.00	
1	28.00	128.00	28.00		82.00	57.00	64.00	
1 1/4	47.00	130.00	47.00		201.00	141.00	111.00	
1 1/2	60.00	147.00	60.00		129.00	70.00	52.00	
2	60.00	160.00	60.00		144.00	65.00	61.00	
2 1/2	132.00	198.00	132.00		313.00	97.00	127.00	
3	132.00	198.00	132.00		240.00	85.00	85.00	
3 1/2						210.00		
4	225.00	337.00	180.00		369.00	104.00	121.00	
5	588.00	882.00	470.00		1,266.00	246.00	303.00	
6	622.00	933.00	466.00		930.00	168.00	206.00	
8	1,350.00	2,025.00	1,012.00		1,605.00	338.00	409.00	
10						426.00	1,057.00	
12						748.00	1,317.00	

Prices for sizes and/or alloy not listed are on application.



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**TYPE 304/304L - 316/316L**

**SCHEDULE 10S**

Stainless Steel Type	Nominal Pipe Size	Reducers			Nominal Pipe Size	Reducers			Nominal Pipe Size	Reducers		
		Concentric	Eccentric	Tees		Concentric	Eccentric	Tees		Concentric	Eccentric	Tees
304/L 316/L	¾ x ½	31.00 46.00	81.00 120.00	68.00 102.00	2 ½ x 1	158.00 230.00	204.00 308.00	331.00 496.00	6 x 2	POA POA	POA POA	POA POA
304/L 316/L	1 x ½	45.00 67.00	73.00 111.00	78.00 117.00	2 ½ x 1 ½	129.00 181.00	171.00 251.00	288.00 431.00	6 x 2 ½	POA POA	POA POA	POA POA
304/L 316/L	1 x ¾	39.00 58.00	71.00 105.00	71.00 106.00	2 ½ x 2	96.00 146.00	120.00 180.00	250.00 376.00	6 x 3	182.00 221.00	367.00 604.00	899.00 1,349.00
304/L 316/L	1 ¼ x ¾	82.00 123.00	101.00 161.00	184.00 276.00	3 x 1	150.00 208.00	370.00 532.00	266.00 381.00	6 x 4	125.00 179.00	228.00 351.00	818.00 1,227.00
304/L 316/L	1 ¼ x 1	69.00 101.00	86.00 129.00	160.00 241.00	3 x 1 ¼	156.00 242.00	323.00 474.00	408.00 555.00	6 x 5	182.00 323.00	285.00 395.00	744.00 1,116.00
304/L 316/L	1 ½ x ½	75.00 114.00	204.00 299.00	143.00 215.00	3 x 1 ½	68.00 90.00	141.00 215.00	240.00 340.00	8 x 3	POA POA	POA POA	POA POA
304/L 316/L	1 ½ x ¾	54.00 92.00	171.00 261.00	125.00 186.00	3 x 2	54.00 72.00	109.00 164.00	182.00 288.00	8 x 4	358.00 595.00	671.00 1,102.00	1,414.00 2,121.00
304/L 316/L	1 ½ x 1	31.00 48.00	72.00 108.00	108.00 161.00	3 x 2 ½	56.00 82.00	118.00 176.00	215.00 322.00	8 x 6	268.00 408.00	398.00 604.00	1,230.00 1,845.00
304/L 316/L	1 ½ x 1 ¼	39.00 63.00	99.00 135.00	135.00 200.00	4 x 1 ½	142.00 189.00	290.00 438.00	375.00 561.00				
304/L 316/L	2 x ½	120.00 189.00	276.00 300.00	178.00 336.00	4 x 2	90.00 117.00	219.00 326.00	340.00 508.00				
304/L 316/L	2 x ¾	87.00 128.00	196.00 282.00	175.00 336.00	4 x 2 ½	126.00 180.00	230.00 348.00	325.00 486.00				
304/L 316/L	2 x 1	38.00 53.00	100.00 149.00	89.00 133.00	4 x 3	72.00 101.00	110.00 164.00	295.00 442.00				
304/L 316/L	2 x 1 ¼	62.00 90.00	143.00 229.00	135.00 216.00	5 x 3	300.00 450.00	440.00 676.00	1,020.00 1,531.00				
304/L 316/L	2 x 1 ½	35.00 48.00	48.00 84.00	118.00 178.00	5 x 4	250.00 370.00	312.00 468.00	928.00 1,392.00				

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**TYPE 304/304L**

**SCHEDULE 40S**

Nominal Pipe Size (in.)	90 Elbows		45 LR Elbows	Crosses & 180 Return Bend	Tees	Caps	Stub Ends / MSS Type	
	Long Radius	Short Radius					A	
1/2	21.00		21.00		54.00	32.00	38.00	
3/4	21.00		21.00		54.00	37.00	42.00	
1	22.00	80.00	22.00		57.00	45.00	45.00	
1 1/4	33.00	136.00	33.00		133.00	88.00	92.00	
1 1/2	39.00	94.00	39.00		86.00	65.00	45.00	
2	54.00	113.00	54.00		170.00	53.00	46.00	
2 1/2	95.00	163.00	95.00		180.00	87.00	96.00	
3	96.00	146.00	96.00		178.00	65.00	67.00	
3 1/2								
4	190.00	260.00	152.00		264.00	89.00	100.00	
5	486.00	740.00	365.00		728.00	182.00	245.00	
6	560.00	700.00	420.00		670.00	203.00	219.00	
8	1,136.00	1,412.00	847.00		1,290.00	315.00	318.00	
10						407.00	819.00	
12						624.00	1,178.00	

**TYPE 316/316L**

**SCHEDULE 40S**

Nominal Pipe Size (in.)	90 Elbows		45 LR Elbows	Crosses & 180 Return Bend	Tees	Caps	Stub Ends / MSS Type	
	Long Radius	Short Radius					A	
1/2	32.00		32.00		81.00	48.00	57.00	
3/4	32.00		32.00		81.00	56.00	63.00	
1	33.00	120.00	33.00		85.00	68.00	68.00	
1 1/4	49.00	204.00	49.00		199.00	132.00	138.00	
1 1/2	58.00	140.00	58.00		120.00	98.00	68.00	
2	81.00	170.00	81.00		255.00	79.00	69.00	
2 1/2	142.00	240.00	142.00		270.00	130.00	144.00	
3	144.00	220.00	144.00		262.00	97.00	101.00	
3 1/2						315.00		
4	285.00	385.00	228.00		396.00	133.00	150.00	
5	729.00	1,116.00	547.00		1,057.00	273.00	368.00	
6	840.00	1,050.00	630.00		1,005.00	304.00	329.00	
8	1,695.00	2,110.00	1,271.00		1,935.00	472.00	477.00	
10						610.00	1,229.00	
12						936.00	1,767.00	

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**TYPE 304/304L - 316/316L**

**SCHEDULE 40S**

Stainless Steel Type	Nominal Pipe Size	Reducers			Nominal Pipe Size	Reducers			Nominal Pipe Size	Reducers		
		Concentric	Eccentric	Tees		Concentric	Eccentric	Tees		Concentric	Eccentric	Tees
304/L 316/L	¾ x ½	40.00 60.00	85.00 126.00	72.00 106.00	2 ½ x 1	168.00 251.00	239.00 323.00	278.00 406.00	6 x 2	POA POA	POA POA	POA POA
304/L 316/L	1 x ½	60.00 90.00	85.00 126.00	78.00 117.00	2 ½ x 1 ½	124.00 185.00	168.00 242.00	254.00 372.00	6 x 2 ½	POA POA	POA POA	POA POA
304/L 316/L	1 x ¾	42.00 63.00	84.00 126.00	72.00 108.00	2 ½ x 2	90.00 135.00	129.00 212.00	216.00 324.00	6 x 3	239.00 305.00	339.00 564.00	975.00 1,460.00
304/L 316/L	1 ¼ x ¾	132.00 198.00	165.00 247.00	244.00 366.00	3 x 1	195.00 270.00	431.00 627.00	291.00 348.00	6 x 4	162.00 232.00	248.00 391.00	885.00 1,326.00
304/L 316/L	1 ¼ x 1	69.00 105.00	134.00 204.00	222.00 333.00	3 x 1 ¼	174.00 261.00	335.00 526.00	384.00 548.00	6 x 5	237.00 363.00	307.00 496.00	804.00 1,226.00
304/L 316/L	1 ½ x ½	117.00 174.00	217.00 319.00	128.00 195.00	3 x 1 ½	84.00 105.00	184.00 300.00	254.00 384.00	8 x 3	POA POA	POA POA	POA POA
304/L 316/L	1 ½ x ¾	93.00 144.00	272.00 406.00	117.00 177.00	3 x 2	62.00 84.00	150.00 221.00	283.00 350.00	8 x 4	465.00 697.00	602.00 986.00	1,702.00 2,554.00
304/L 316/L	1 ½ x 1	35.00 51.00	113.00 163.00	104.00 154.00	3 x 2 ½	68.00 93.00	161.00 232.00	203.00 320.00	8 x 6	326.00 488.00	408.00 612.00	1,548.00 2,322.00
304/L 316/L	1 ½ x 1 ¼	48.00 71.00	101.00 147.00	135.00 200.00	4 x 1 ½	172.00 210.00	286.00 422.00	332.00 464.00				
304/L 316/L	2 x ½	172.00 244.00	294.00 430.00	286.00 315.00	4 x 2	108.00 137.00	275.00 419.00	385.00 418.00				
304/L 316/L	2 x ¾	103.00 129.00	276.00 408.00	260.00 386.00	4 x 2 ½	142.00 198.00	216.00 325.00	350.00 521.00				
304/L 316/L	2 x 1	48.00 70.00	153.00 221.00	234.00 352.00	4 x 3	83.00 124.00	136.00 210.00	316.00 475.00				
304/L 316/L	2 x 1 ¼	67.00 96.00	167.00 212.00	254.00 377.00	5 x 3	351.00 526.00	445.00 673.00	880.00 1,320.00				
304/L 316/L	2 x 1 ½	42.00 60.00	97.00 145.00	204.00 306.00	5 x 4	283.00 424.00	354.00 531.00	800.00 1,200.00				

Prices for sizes and/or alloy not listed are on application

## TERMS AND CONDITIONS:

These Terms and Conditions shall apply to the sale of all products from Gerlin / Core Pipe Products, Inc. (Seller) to the purchasing party (Purchaser) under any purchase order, contract or other agreement between the Seller and Purchaser. Any exceptions to these Terms and Conditions will be accepted only if specifically acknowledged in writing by Seller.

1. All Gerlin / Core Pipe Products, Inc. (Seller) products are warranted one year from date of shipment. During that period if any product is found to be defective, Seller will, at its option, refund the original purchase price or replace the product without charge provided that; 1) the product was used as recommended, and installed in accordance with recognized engineering and piping practices; and 2) its failure resulted from a manufacturing defect and not from damage due to improper handling, corrosion, or abrasive wear normally to be expected in the services involved.

Seller's responsibility in such cases is limited to full credit for the sale price of the product, and full freight allowance; no labor or other expenses or liabilities will be assumed.

Seller's products are warranted to meet applicable ASTM, ASME, ASME/ANSI, and MSS standards.

Seller certifies that production complies with all applicable laws, regulations, and Executive Orders.

2. Any Sales Tax, Manufacturer's Tax or Use Tax imposed by federal, state or municipal law shall be added to the price and assumed by Purchaser.
3. Prices are subject to change without notice and all orders will be invoiced at Seller's price prevailing at the time of shipment, unless agreed upon in writing prior to shipment.
4. Quotations may be withdrawn without notice at any time before Seller's acceptance in writing.
6. All orders are subject to acceptance in writing and all terms and conditions in any contract or transaction arising therefrom shall also be governed by the Uniform Commercial Code as enacted in Illinois.
7. Except as expressly stated herein, Seller makes no representations or warranties, express or implied. There are no implied warranties of merchantability or of fitness for a particular purpose.
8. Seller is not responsible for delays, defaults or damages occasioned by any causes beyond Seller's control including, without limitation, governmental actions or orders, embargoes, strikes, fires or natural disasters. In any event, partial deliveries will be permitted at Seller's option, and payments therefore are due on the basis of dates of invoices covering them.
9. Cancellation of orders cannot be made without Seller's prior written consent. Upon an accepted request to cancel, Seller shall determine the amount of cancellation charges, in addition to charges for dies, work in progress, products produced, including machine work, etc. and all liability for raw materials. Should material specifications for Purchaser's order be changed after Seller has ordered or received the material, Purchaser shall assume all liability for the material covered by the initial specification.
10. Purchaser represents that Purchaser is solvent and can and will pay for products delivered to Purchaser in accordance with the terms hereof. However, Seller in its sole discretion retains the right to require full payment in advance.
11. Claims for shortages must be filed and received within ten days of receipt of shipment.
12. Any inspections performed by Purchaser, regardless of results, shall be at Purchaser's cost and for Purchaser's account. Purchaser has no right to inspect, test or sample material or goods in Seller's possession, unless prior written approval is granted by Seller..
13. Products marked to be certified to the ASME SA material specifications are not warranted for ASME Section III (nuclear) applications.

14. Any testing performed beyond the scope of the initial procurement requirements shall not constitute cause for rejection or return.
15. Seller assumes no responsibility if the manufacture and sale to Purchaser of the items specified by Purchaser is an infringement of patent rights of other persons, and Purchaser assumes responsibility for and will protect and indemnify Seller from such infringement liability.
16. Stenographic or clerical errors are subject to correction.
17. Deferred deliveries are subject to Seller's prior written consent.
18. Purchases may not be returned without Seller's prior written consent.
19. Catalog product presentations, including catalog dimensions, designs and specifications, are representative of product available at the time of publication only. Actual geometry dimensions and designs, except those governed by the ASME/ANSI standards, are subject to design and manufacturing changes without notice.
20. Material quoted as available from stock is subject to prior sale.

**MINIMUM ORDER:**

Minimum charge \$100.00 per order.

**FREIGHT TERMS:**

All orders are FOB shipping point.

**PAYMENT TERMS:**

1% discount for payment received within 10 days after invoice date, or 30 days net.

**SPECIFICATIONS:**

All products shown herein comply with ASTM A403, ASME SA403, and ASME/ANSI B16.9 or MSS-SP43 dimensions.

**MATERIALS:**

Price sheet covers stainless steel grades 304/304L and 316/316L. All other materials on application.

**SPECIAL MARKING EXTRAS:**

Tagging or Color Coding is \$5.00 net per piece.

Vibro Tool or Metal Stamping is \$10.00 net per piece.

**POSITIVE MATERIAL IDENTIFICATION (PMI) TESTING:**

Certificates of compliance for PMI are \$5.00 net per piece.

**TESTING:**

Each fitting is marked with the Seller's Heat Code indicating the exact lot of steel from which it is manufactured.

Each lot of material has been qualified by performing mechanical tests and chemical analysis.

**MATERIAL TEST REPORTS (MTR):**

Seller's material test reports are available upon request at the time of order at no extra charge. If requested after shipment has been made, there will be a \$5.00 net charge per line item.

**RADIOGRAPHY OF WELDS:**

Radiography of each weld per Paragraph UW-51 of section VIII of the ASME Boiler & Pressure Vessel Code. Pricing on Application.

**ANGULAR/BEVELS:**

Other than allowable in ASME/ANSI B16.9 or MSS SP-43.

Pricing on Application.