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Stainless Steel Application Data

Stainless Steel Rigid Conduit is recommended for highly corrosive environments and is often used in conjunction with Rigid Aluminum Conduit as a cost effective solution for the most demanding applications.

Typical Applications

- Chemical Plants
- Extraction & Refining
- Food Processing
- Marine & Coastal
- Petrochemical Facilities
- Pharmaceutical Facilities
- Pulp & Paper Mills

Stainless Steel Specification Data

Material: 304 & 316 Stainless Steel – All Products are polished to a bright finish
 Products: Conduit – Standard NPT Threads, Includes One Coupling per Length
 Couplings – Standard NPS Straight Threads
 Elbows – Standard NPT Threads, Color Coded Thread Protectors on Both Ends
 Standards : UL 6A “Standard for Electrical Rigid Metal Conduit – Aluminum, Red Brass, and Stainless Steel
 ANSI C80.1
 CSA Standard C22.2 no 45.2-08
 UL File #: File # E337297

Stainless Steel Rigid Conduit Data

Trade Size		Approx Wt Per 100 Feet (30.5M)		Nominal Outside Diameter		Nominal Wall		Length without Coupling		Part Number	
U.S.	Metric	lb	kg	in	mm	in	mm	ft	mm	Type 304	Type 316
1/2	16	82.0	37.2	0.840	21.3	0.104	2.64	9' 11-1/4"	3030	304SS1-012	316SS1-012
3/4	21	109.0	49.4	1.050	26.7	0.107	2.72	9' 11-1/4"	3030	304SS1-034	316SS1-034
1	27	161.0	73.0	1.315	33.4	0.126	3.20	9' 11"	3025	304SS1-100	316SS1-100
1-1/4	35	218.0	98.9	1.660	42.2	0.133	3.38	9' 11"	3025	304SS1-114	316SS1-114
1-1/2	41	263.0	119.3	1.900	48.3	0.138	3.51	9' 11"	3025	304SS1-112	316SS1-112
2	53	350.0	158.8	2.375	60.3	0.146	3.71	9' 11"	3025	304SS1-200	316SS1-200
2-1/2	63	559.0	253.6	2.875	73.0	0.193	4.90	9' 10-1/2"	3010	304SS1-212	316SS1-212
3	78	727.0	329.8	3.500	88.9	0.205	5.21	9' 10-1/2"	3010	304SS1-300	316SS1-300
4	103	1008.0	457.2	4.500	114.3	0.225	5.72	9' 10-1/4"	3005	304SS1-400	316SS1-400

Stainless Steel Rigid Conduit

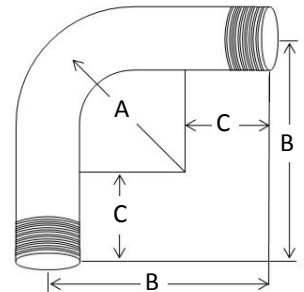
Stainless Steel Coupling Data

Trade Size		Approx Wt Per 10 Pieces		Nominal Outside Diameter		Length		Part Number	
U.S.	Metric	lb	kg	in	mm	in	mm	Type 304	Type 316
1/2	16	1.7	0.8	1.080	27.4	1.56	39.6	304SS2-012S	2-012-316S
3/4	21	2.6	1.2	1.330	33.8	1.62	41.1	304SS2-034S	2-034-316S
1	27	3.4	1.5	1.560	39.6	2.00	50.8	304SS2-100S	2-100-316S
1-1/4	35	5.1	2.3	1.950	49.5	2.06	52.3	304SS2-114S	2-114-316S
1-1/2	41	6.1	2.8	2.220	56.4	2.06	52.3	304SS2-112S	2-112-316S
2	53	9.0	4.1	2.750	69.8	2.12	53.8	304SS2-200S	2-200-316S
2-1/2	63	19.3	8.8	3.280	83.3	3.12	79.2	304SS2-212S	2-212-316S
3	78	26.0	11.8	3.940	100.8	3.25	82.6	304SS2-300S	2-300-316S
4	103	39.7	18.0	5.000	127.0	3.50	88.9	304SS2-400S	2-400-316S



Stainless Steel Elbow Data – 90 Degree Standard Radius

Trade Size		Approx Wt Per 10 Pieces		Nominal Dimensions						Part Number	
U.S.	Metric	lb	kg	A		B		C		Type 304	Type 316
				in	mm	in	mm	in	mm		
1/2	16	7.3	3.3	4.00	101.6	6.50	165.1	2.50	63.5	304SS3-012	316SS3-012
3/4	21	10.6	4.8	4.50	114.3	7.25	184.2	2.75	69.9	304SS3-034	316SS3-034
1	27	19.8	9.0	5.75	146.1	8.38	212.7	2.88	73.0	304SS3-100	316SS3-100
1-1/4	35	30.9	14.0	7.25	184.2	10.25	260.6	3.00	76.2	304SS3-114	316SS3-114
1-1/2	41	43.0	19.5	8.25	209.6	11.88	301.6	3.63	92.1	304SS3-112	316SS3-112
2	53	70.0	31.8	9.50	241.3	14.00	355.6	4.50	114.3	304SS3-200	316SS3-200
2-1/2	63	128.1	58.1	10.50	266.7	15.75	400.1	5.25	133.4	304SS3-212	316SS3-212
3	78	204.5	92.7	13.00	330.2	18.75	476.3	5.75	146.1	304SS3-300	316SS3-300
4	103	331.3	150.3	16.00	406.4	23.00	584.2	7.00	177.8	304SS3-400	316SS3-400



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