



Stainless Steel Stock List

Material held in stock in Ajman and supplied across the UAE, the GCC and East Africa. Mill test certificates are issued with every order. Cutting, polishing and cut-to-length are carried out in-house before dispatch.

Grades	Finishes	Standards	Services
304 · 304L · 316 · 316L 310S · 321 · 430 · Duplex	2B · 2D · BA · No.1 · No.4 No.8 · 8K · Mirror · Hairline	ASTM A240 / SA240 JIS G4304 · EN 10088-2	Cut-to-length · Polishing Fabrication · Delivery

1. Product range

Product	Grades held	Typical sizes	Finish
Plates	304, 304L, 316, 316L, 310S, 321	3–85 mm thk · 914 / 1219 / 1524 mm wide	No.1, Black
Sheets	304, 304L, 316, 316L, 430	0.4–3.0 mm thk · 1219 / 1524 mm wide	2B, BA, No.4, Mirror
Coils	304, 304L, 316, 316L	0.3–3.0 mm thk · slit to width	2B, BA, No.4
Strips	304, 304L, 316, 316L	Slit to customer width	2B, BA
Flat bars	304, 304L, 316, 316L	3–100 mm thk · 10–200 mm wide	Hot rolled, polished
Round bars	304, 304L, 316, 316L, 431	6–300 mm dia.	Bright, peeled, black
Pipes & tubes	304, 304L, 316, 316L	DN15 – DN600 · Sch 5S/10S/40S/80S	Mill, polished
Angles & channels	304, 316	Equal & unequal leg	Hot rolled
Flanges & fittings	304, 316	Butt weld, screwed, socket	ANSI, Table D / E
Chequered plate	304, 316	Standard patterns	Mill

2. Plate — specification & available size

Standard	Specification	Grades
ASTM	A240 / SA240	S30100, S30400, S30403, S31008, S31603, S32100, S43000
JIS	G4304, G4305, G4312	SUS301, SUS304, SUS304L, SUS310S, SUS316L, SUS321, SUS430
AISI	—	301, 304, 304L, 310S, 316L, 321, 409L, 410S, 430, 439, 441, 444
EN	10088-2, 17440	1.4310, 1.4301, 1.4306, 1.4845, 1.4404, 1.4541, 1.4016

Thickness	Width	Length	Surface
15 – 85 mm	914, 1219, 1524 mm	3048, 6069 mm, 10 m	Black
3 – 8 mm	20 – 1524 mm	Max. 10 m container / bulk as required	No.1
8 – 60 mm	30 – 1524 mm	Max. 6096 mm	No.1

3. Pipe & tube — size schedule

Application: fluid and decorative. Grades 304/304L and 316/316L. Wall thickness Sch 10S, 40S and 80S. Fittings: butt weld, screwed and socket flanges (ANSI, Table E & Table D). Dimensions in inches.



Size	OD	Wall thickness	ID	Schedule
1/8	.405	.049 / .068 / .095	.307 / .269 / .215	10S / 40S / 80S
1/4	.540	.065 / .088 / .119	.410 / .364 / .302	10S / 40S / 80S
3/8	.675	.065 / .091 / .126	.545 / .493 / .423	10S / 40S / 80S
1/2	.840	.065 / .083 / .109 / .147	.710 / .674 / .622 / .546	5S / 10S / 40S / 80S
3/4	1.050	.065 / .083 / .113 / .154	.920 / .884 / .824 / .742	5S / 10S / 40S / 80S
1	1.315	.065 / .109 / .133 / .179	1.185 / 1.097 / 1.049 / .957	5S / 10S / 40S / 80S
1 1/4	1.660	.065 / .109 / .140 / .191	1.530 / 1.442 / 1.380 / 1.278	5S / 10S / 40S / 80S
1 1/2	1.900	.065 / .109 / .145 / .200	1.770 / 1.682 / 1.610 / 1.500	5S / 10S / 40S / 80S
2	2.375	.065 / .109 / .154 / .218	2.245 / 2.157 / 2.067 / 1.939	5S / 10S / 40S / 80S
2 1/2	2.875	.083 / .120 / .203 / .276	2.609 / 2.635 / 2.469 / 2.323	5S / 10S / 40S / 80S
3	3.500	.083 / .120 / .216 / .300	3.334 / 3.260 / 3.068 / 2.900	5S / 10S / 40S / 80S
4	4.500	.083 / .120 / .237 / .337	4.334 / 4.260 / 4.026 / 3.286	5S / 10S / 40S / 80S
5	5.563	.109 / .134 / .258 / .375	5.345 / 5.295 / 5.047 / 4.813	5S / 10S / 40S / 80S
6	6.625	.109 / .134 / .280 / .432	6.407 / 6.357 / 6.065 / 5.761	5S / 10S / 40S / 80S
8	8.625	.109 / .148 / .322 / .500	8.407 / 8.329 / 7.981 / 7.625	5S / 10S / 40S / 80S
10	10.750	.134 / .165 / .365 / .500	10.482 / 10.420 / 10.020 / 9.750	5S / 10S / 40S / 80S
12	12.750	.165 / .180 / .375 / .500	12.420 / 12.390 / 12.000 / 11.750	5S / 10S / 40S / 80S

4. Dimension & shape tolerance

Thickness	Tolerance	Length	Tolerance
8.0 – 10.0 mm	±0.32 mm	T ≤ 10.0 mm	-0 / +60 mm
10.0 – 25.0 mm	±0.34 mm	10.0 – 85.0 mm	-0 / +65 mm
25.0 – 85.0 mm	±0.40 mm	Width (max. aim)	±10 mm

Thickness and length tolerance according to 1/2 JIS G4304. Camber max. 5 mm / 2 m. Edge crack max. 5 mm per side.

5. Specialty chemicals

Product	Typical application
Iodine	Pharmaceutical, industrial and laboratory use
Potassium Iodide (KI)	Pharmaceutical formulation, salt fortification
Potassium Iodate (KIO3)	Food-grade salt iodisation
Thymol Iodide	Pharmaceutical and antiseptic preparations
Povidone Iodine	Antiseptic and disinfectant manufacture

**To request a quotation**

Send the grade, dimensions, quantity, delivery location and the date you need the material. Drawings and BOQs are welcome. Our sales desk replies within one working day.

Emerald General Trading L.L.C

P.O. Box 17558, Industrial Area 1
Ajman, United Arab Emirates

T +971 6 743 43 94

M +971 55 47 96 111

E sales@emeralduae.com

Stock availability and sizes are subject to change. Specifications shown are indicative and are confirmed at the time of quotation. Mill test certificates are supplied with every order.