



①ne Sky

ALUMINUM - STAINLESS - GLASS

铝材、不锈钢、玻璃

***“SUPPLYING
NOTHING SHORT
OF EXCELLENCE”***

IMPORTER - WHOLESALER - RETAILER

1440 - 1444 Soler St. Sta. Cruz, Manila



Onesky Aluminum & Stainless Supply Enterprise, Onesky, established in the year of 2011, continues to thrive today in its steadfast vision "Supplying Nothing Short of Excellence". Onesky maintains strong market presence in Philippines short period of time. The company primarily attributed its rapid progress in its unwavering dedication to provide an improved system of top quality aluminum products to its clientele.

VISION

After years of cultivation, we will strive to be the best service driven, most credible, best quality & fair price, aluminum supplier that will make us become top enterprises in aluminum industry.

MISSION

Our aim is to help stainless fabricator / contractor enhance their knowledge & skills in aluminum product by bringing in the most advance technology & updated informations from different country, helping local fabricator raise their standards in stainless.

CORPORATE VALUES

We will achieve our vision by instilling in all our people the values of integrity, initiative, loyalty, innovation, quality excellence, customer/supplier satisfaction and teamworks with discipline that shall keep us growing.

STAINLESS STEEL SUPERIORITY

- LOW MAINTENANCE
- HYGIENE
- CORROSION RESISTANCE
- STRENGTH
- LOW TEMPERATURE TOUGHNESS
- FIRE RESISTANCE
- STRUCTURALLY AESTHETIC
- COLD FORMABILITY
- SURFACE FINISH OPTIONS
- 100% RECYCABLE

ARCHITECTURE AND CONSTRUCTION

Its aesthetic beauty and easy maintenance have made stainless steel a favorite with architects and engineers. This, together with its resistance to corrosion, durability and hygienic properties, makes it an ideal material for all kinds of environments. In construction and architecture, stainless steel is used as premium-looking and reliable claddings for exteriors and interiors as well as durable roofing and gutter material, balustrades and railings, and electrical and sewage fittings.

FOOD AND AGRICULTURE

The food and agriculture industry requires a high standard of sanitation and hygiene to deliver food that is free from fungus and bacteria. Stainless steel's smooth surface and excellent corrosion resistance qualities make it an ideal material for use in storing harvested food items, dairy products, seafood as well as processing meats and kitchen workables and sinks. One sky high quality standard assures you of commitment to deliver only products that have passed our quality tests. Our certification is your guarantee of the best.

POWER AND ENERGY

New technology, depleting resources as well as the need to address climate change has brought new challenges to the world of power and energy. Offshore drillings and subsea explorations for energy has the industry using materials that are corrosion resistant, durable and lightweight. Stainless pumps, valves, fittings, connectors, liners, springs, silos, and pipes are used to manage the flow of oil gas from under the sea, bring electricity to cities and energize cars and other forms of transportation.

MEDICAL PRODUCTION

The health industry is in constant motion-developing new machines and discovering new medications for better quality of life. Hygiene and sanitary conditions are of utmost important to the health industry. With its corrosion-resistant and easy-to-clean surface, stainless steel is used for medical-grade implements - from surgical blades and dental pliers to spoons and bed pans as well as component parts to build new medical equipment.

SANITATION ENGINEERING

Its corrosion-resistant property as well as durability makes stainless steel an ideal conduit for waste water before it is sent back into our water systems. It used as material for low-maintenance drainage, sewage, and pumping applications for the management of industrial waste, mine tailings, and oxygenation of rivers and lakes.

TRANSPORTATION, AEROSPACE, AND SHIPBUILDING

Today's technology is enabling us to build all kinds of transportation for different environments. Stainless steel's lightweight property as well as its smooth surface and resistance to corrosion have made it an ideal material to use for parts and bodies of all kinds of transportation-from lightrails and ocean going vehicles to aerospace vehicles.

ELECTRONICS

As technology becomes more complex, parts used in the electronics industry becomes smaller and more sensitive. Stainless steel's smooth surface, and corrosion resistant properties make it easy to clean and maintain a sanitary and hygienic environment in which to put together electronic components.

MINING

Mining operations require equipment that are durable and long-lasting. The high costs of mining often done in a hostile environment makes stainless steel a material of choice for its durability, corrosion resistant property and easy to clean surface. Its heat resistance is another reason to use stainless steel in mining operations.

Grade	Applications
202 (low grade indoor stainless)	Metal flooring, machine platforms, stair treads, catwalks, ramps, kitchen wares and utensils.
304	Architecture, Decoration, Foods & brewery processing Equipments, Auto components, Medical Equipments, pit covers, gutters, car plate, pit cover, filter basket, sifters, storage tanks
316L	Widely used in corrosion-susceptible environment, some mechanical components that are difficult to make heat treatment after forming, Installation along the sea coast, Equipment for Food, Paper, Dyes, Digesters and Fertilize, Furnace Parts, filters.
310S	Chemical Equipment, Heat resistant parts, Drying Equipment, Heat Exchangers, Petroleum Refinery, Burner Parts, Refractory support, Oven Linings, Basket and Trays, Food industry used in contact with hot acetic acid and citric acid.
430	Architecture Building: Window Frame, Decoration, Household Electrical Appliance, Washing machine drum, Gas range stove, Plate, House wares, Automotive trim.
DUPLEX 2101	Storage tanks, Water heater tanks, Chemical process vessels, piping and heat exchanger, Water and Wastewater treatment industry.
DUPLEX 2205	Pressure vessel, Piping and Heat exchanger for handling gas & oil, Cargo tanks for ships & trucks, Effluent scrubbing systems, Digesters.
DUPLEX 2507	Drive shafts for ocean going vessel, container for pulp & paper industry, tube & pipe system at petrochemical refineries, desalination plants.

ALLOY ANALYSIS

Determine the chemical composition by weight of each stainless steel coil and products produced.

X-RAY FLUORESECENCE (XRF) ELEMENTAL ANALYZER

An XRF analyzer focuses a beam of x-rays onto a small area of the sample under test. The atoms in the sample fluoresce and the spectrometer detects and analyzes the energy levels and quantities of the resulting x-rays.

FLARING TEST

A section of tube for every 10 tubes shall stand being flared with a tool form a 60° of wide open mout without signs of cracks and imperfections. Test is done to check the strength of welding line.

TENSILE TEST

A standard test piecis gripped at either end by suitable apparatus in a testing machine which slowly exerts an axial pull so that the steel is stretched until it breaks. The test provides information on proof stress, yield point, tensile strength, elongation and reduction of area.

HYDRO TEST

Each tube will be internally pressurized to 150 PSI with air while submerge in water and must be rejected for any leakages.

FLATTENING TEST

The test is to check the strength of welding line by appying it with excessive stress. If it can withstand without cracking it is considered acceptable.

STAINLESS STEEL CLEANING -- Stainless Steel and the need for cleaning

Stainless Steel is a corrosion resistant alloy steel that is strong, durable, and with excellent luster. However, it is not rust proof. The chromium in the stainless steel makes it auto passivating in the sense that the protective passive film (chromium oxide- an invisible adherent oxide) is formed spontaneously on exposure to air or moisture. Disruption of the passive film by chemicals, mechanical action, embedded iron particles, or oxygen starvation can easily occur in the workshop or during fabrication. Surface-free iron particles, dust, grit, and iron-oxide contaminants arise from handling, fabrication/forming, welding, grinding, machining, paint, crayon marks, polishing, tumbling, and workshop cross contamination. These contaminants penetrate the passive film. Surface contaminations and the formation of deposits are critical factors which may lead to drastically reduced life. Cleaning process is often required to restore an acceptable surface quality with regard to hygiene and corrosion.

DONT'S

- Do not use cleaner (bleach) containing chlorine for it can cause pitting corrosion.
- Do not use abrasive cleaners that will scratch the surface
- Do not use ordinary steel wool or steel brushes for it can leave particles that start the stain or rusting
- Hard water can leave spotting & staining, do not assume it's the cleaner
- Do not forget to rinse and dry the surface thoroughly
- In routine cleaning, use only soap or mild detergent and warm water

DO'S

- Welds and discoloration associated with welding should be cleaned within 1 to 2 days of being completed to eliminate rusting. Electro-polishing, Pickling, Brushing, and Shot blasting can be used.
- Rusts and other corrosion products, embedded or adhering free iron can be removed by 10% nitric acid or by pickling
- Cover products stored outdoors to avoid exposure to moisture, salinity, & chemicals.
- At Project Design Stage choose correct grade, condition, surface finish particular for the stainless steel service environment & avoid contact with Dissimilar metals to reduce risk of galvanic corrosion.
- After stamping, deep drawing, forming process:
 - Use clean tools, no residue of free iron from carbon steel
 - Use appropriate oil
 - In degreasing use non-chlorinated solvents
 - Passivate after degreasing
- Oil, grease, paints, foot prints, glue residues, and dirt can cause crevice corrosion removed by organic acetone, alcohol, methylated spirits, degreasing agent (chlorine-free)

SUGGESTED CHEMICAL CLEANING METHODS

A standard test piece gripped at either end by suitable apparatus in a testing machine which slowly exerts an axial pull so that the steel is stretched until it breaks. The test provides information on proof stress, yield point, tensile strength, elongation and reduction of area.

PASSIVATION

Passivation is the removal of free iron and other contamination resulting from handling, fabrication, or exposure to contaminated atmospheres. This is performed by immersing the steel in an oxidant like nitric acid.

- Grades with at least 16% chromium (except free machining grade such as 303): 20-45 volume % nitric acid, at 21°C to 32°C for 30-60 minutes.
- Thorough water rinsing MUST follow all passivating treatment
- Passivating Solution, Paste, Gel are available commercially. Contact time should be in accordance with Supplier's recommendation

PICKLING

Pickling is for removal of high temperature scale (dark oxide film) from heat treatment or welding operations and iron contaminations.

- All stainless steel (except free machining grades): 8-11 volume % sulfuric at 65 to 80°C for 5-45 minutes
- Grades with at least 16% chromium (except free machining grades): 15-25 volume % nitric acid + 1-8 volume % hydrofluoric acid, at 20 to 60°C for 5-30 minutes
- Thorough water rinsing or neutralization MUST all pickling treatments
- Pickling Paste, Gel are available commercially. Contact time should be in accordance with supplier's recommendation



TYPES OF MATERIAL

202					304					304L					316L					310S					430				
Thickness	Finishes				Thickness	Finishes																							
	No.1	2B	MIRROR	HL		No.1	2B	MIRROR	HL																				
0.4		●	●		1.5		●	●	●																				
0.5		●	●		1.8		●	●	●																				
0.6		●	●		2.0	●	●	●	●																				
0.7		●	●		2.5	●	●		●																				
0.8		●	●	●	3.0	●	●		●																				
0.9		●	●	●	4.0	●	●																						
1.0		●	●	●	4.5	●	●																						
1.2		●	●	●	5.0	●	●																						
1.3		●	●	●	6.0	●	●																						
1.4		●	●	●	8.0	●	●																						

*Special cut order is accepted

4xcoil : 0.4mm to 10mm

5xcoil : 3.0mm to 10mm

TYPES OF MATERIAL

202

304

310S

316L

430



1B Finish



2B Finish



Hairline



No. 4 Finish / Satin

Very high degree of reflectivity, brilliant, smooth finish produced by polishing with progressively finer grit abrasives then buffing. Super mirror creates light and space. Best for design, decoration and architecture.

*4x8 : 0.4 to 50.0mm

*4x20 : 1.4 to 12.0mm

*5x8 : 3.0 to 10.0mm

*5x20 : 3.0 to 12.0mm

Thickness: 0.5mm - 6mm, Width: 4 ft. (1220mm), Length: 8 ft. (2440mm),



No. 8 Finish / Mirror



No. 9 Finish / Super Mirror



Checkered Sheets Diamond Pattern

TYPES OF MATERIAL

202

304

310S

316L

430

CHECKERED SHEETS					CHECKERED SHEETS					CHECKERED SHEETS				
Thickness	Sizes (ft)				Thickness	Sizes (ft)				Thickness	Sizes (ft)			
	4x8	4x20	5x8	5x20		4x8	4x20	5x8	5x20		4x8	4x20	5x8	5x20
0.6	●	●	●	●	1.2	●	●	●	●	3.0	●	●	●	●
0.7	●	●	●	●	1.3	●	●	●	●	4.0	●	●	●	●
0.8	●	●	●	●	1.4	●	●	●	●	4.5	●	●	●	●
0.9	●	●	●	●	1.5	●	●	●	●	5.0	●	●	●	●
1.0	●	●	●	●	1.8	●	●	●	●	6.0	●	●	●	●
					2.0	●	●	●	●					
					2.5	●	●	●	●					



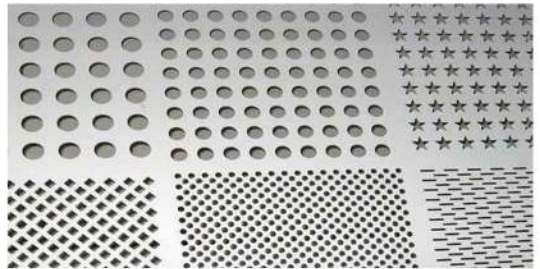
Checkered Plates Diamond Pattern (Japan Design)
(Thick Gauge)



Checkered Sheets "T" Pattern
(Thin Gauge)



5 Lines Checkered Pattern



Perforated Sheets



2 Lines Checkered Pattern



*Length: 20ft

WELDED PIPES

Tubular steel bar made using automatic welding process with no addition of filler metal during the welding process. Wall thickness identified by schedule number.

TYPES OF MATERIAL

202 304 316L

Nominal Pipe Size	Outside Diameter		Schedule 10S		Schedule 20		Schedule 40S	
	in	(mm)	WT (mm)	WEIGHT (KG/20ft)	WT (mm)	WEIGHT (KG/20ft)	WT (mm)	WEIGHT (KG/20ft)
1/4	0.540	13.72	1.65	3.05	-	-	2.24	3.94
3/8	0.675	17.15	1.65	3.92	-	-	2.31	5.25
1/2	0.840	21.34	2.11	6.22	-	-	2.77	7.88
3/4	1.050	26.67	2.11	7.94	-	-	2.87	10.47
1	1.315	33.40	2.77	13.00	-	-	3.38	15.55
1 1/4	1.660	42.16	2.77	16.72	-	-	3.56	21.05
1 1/2	1.900	48.30	2.77	19.31	-	-	3.68	25.13
2	2.375	60.33	2.77	24.43	-	-	3.91	33.80
2 1/2	2.875	73.03	3.05	32.70	-	-	5.16	53.66
3	3.500	88.92	3.05	40.13	-	-	5.49	70.17
4	4.500	114.30	3.05	51.99	-	-	6.02	99.87
5	5.563	141.30	3.40	71.83	-	-	6.55	135.22
6	6.625	168.28	3.40	85.89	-	-	7.11	175.57
8	8.625	219.08	3.76	124.04	6.35	206.96	8.18	264.31
10	10.750	273.05	4.19	172.59	6.35	259.47	9.27	374.63
12	12.750	323.80	4.57	223.55	6.35	308.89	9.53	458.93
14	14.000	355.60	4.78	256.92	7.92	421.88	9.53	505.29
16	16.000	406.40	4.78	294.12	7.92	483.52	9.53	579.46
18	18.000	457.20	4.78	331.33	7.92	545.17	9.53	653.64
20	20.000	508.00	5.54	426.48	7.92	606.81	9.53	727.81
22	22.000	558.80	5.54	469.60	7.92	668.45	9.53	801.98
24	24.000	609.60	6.35	586.89	7.92	730.09	9.53	876.15
26	26.000	660.40	-	-	7.92	791.73	-	-
28	28.000	711.20	-	-	7.92	853.37	-	-
30	30.000	762.00	-	-	9.00	1,038.	-	-
32	32.000	812.80	-	-	9.00	1,108.	-	-
34	34.000	863.60	-	-	9.00	1,178.	-	-
36	36.000	914.40	-	-	9.00	1,248.	-	-
38	38.000	965.20	-	-	9.00	1,318.	-	-

*Other material grade and size available by special order.

1. ASME B36.19M-2004 / ASME B36.19M-2004 reference standard for size and wall thickness

2. Weight variation according to actual wall thickness.



*Length: 20ft

SEAMLESS PIPES

Tubular steel bar made by a process that does not involve welding at any stage of production. Wall thickness identified by schedule number.

TYPES OF MATERIAL

202 304 316L

Nominal Pipe Size	Outside Diameter		Schedule 10S		Schedule 40S		Schedule 80S		Schedule 120	
	in	(mm)	WT (mm)	WEIGHT (KG/20ft)	WT (mm)	WEIGHT (KG/20ft)	WT (mm)	WEIGHT (KG/20ft)	WT (mm)	WEIGHT (KG/20ft)
1/4	0.540	13.72	1.65	3.05	2.24	3.94	3.02	4.95	-	-
3/8	0.675	17.15	1.65	3.92	2.31	5.25	3.20	6.84	-	-
1/2	0.840	21.34	2.11	6.22	2.77	7.88	3.73	10.06	-	-
3/4	1.050	26.67	2.11	7.94	2.87	10.47	3.91	13.63	-	-
1	1.315	33.40	2.77	13.00	3.38	15.55	4.55	20.11	-	-
1 1/4	1.660	42.16	2.77	16.72	3.56	21.05	4.85	27.72	-	-
1 1/2	1.900	48.30	2.77	19.31	3.68	25.13	5.08	33.61	-	-
2	2.375	60.33	2.77	24.43	3.91	33.80	5.54	46.50	-	-
2 1/2	2.875	73.03	3.05	32.70	5.16	53.66	7.01	70.91	-	-
3	3.500	88.92	3.05	40.13	5.49	70.17	7.62	94.89	-	-
4	4.500	114.3	3.05	51.99	6.02	99.87	8.56	138.6	11.13	175.9
5	5.563	141.3	3.40	71.83	6.55	135.2	9.53	192.4	12.70	250.2
6	6.625	168.2	3.40	85.89	7.11	175.5	10.97	264.3	14.27	336.7
8	8.625	219.0	3.76	124.0	8.18	264.3	12.70	401.5	18.26	561.8
10	10.75	273.0	4.19	172.5	9.27	374.6	12.70	506.5	21.44	826.4
12	12.75	323.8	4.57	223.5	9.53	458.9	12.70	605.4	25.4	1161.42
14	14.00	355.6	4.78	256.9	-	-	-	-	27.79	1395.71
16	16.00	406.4	4.78	294.1	-	-	-	-	30.96	1780.85

*Other material grade and size available by special order.

*ASME B36.10M-2004. Reference standard for size and wall thickness.
Special Import.

Material Type: 1.4301 / 1.4307 / 1.4404
Length: 20ft

Note: DIN / JIS standard for special order

STAINLESS STEEL SANITARY TUBES Polished In & Out (IDF Tubes)

ASTM A270 / DIN 11850 / JIS G3447

Outside Diameter (inch)	Thickness (mm)			
	1.5	2.0	2.5	3.0
1	●	●	●	●
1 1/4	●	●	●	●
1 1/2	●	●	●	●
1 3/4	●	●	●	●
2	●	●	●	●
2 1/2	●	●	●	●
3	●	●	●	●

Outside Diameter (inch)	Thickness (mm)			
	1.5	2.0	2.5	3.0
4	●	●	●	●
5	●	●	●	●
6	●	●	●	●
8			●	●
10			●	●
12			●	●



STAINLESS STEEL WELDED ROUNDED TUBES

ASTM A269 / A249



*Available in Satin & Mirror Finish

*Length: 20ft

TYPES OF MATERIAL

202

304

316L

Outside Diameter (inch)	Wall Thickness (mm)						
	0.8	1	1.2	1.5	2.0	2.5	3.0
1/4	●	●					
5/16	●	●					
3/8	●	●	●	●	●		
1/2	●	●	●	●	●		
5/8	●	●	●	●	●		
3/4	●	●	●	●	●		
7/8	●	●	●	●	●		
1	●	●	●	●	●		
1 1/8			●	●	●		
1 1/4		●	●	●	●		
1 3/8		●	●				
1 1/2		●	●	●			
1 3/4		●	●	●	●		
2		●	●	●	●		
2 1/4			●	●	●		●
2 1/2			●	●	●		●
3			●	●	●		●
4			●	●	●		●
5				●	●	●	●
6				●	●	●	●

STAINLESS STEEL OVAL TUBES

ASTM A554



*Length: 20ft.

TYPES OF MATERIAL

202 / 304

Size, Inch	Thickness (mm)
2 1/2 x 1 1/2	1
2 1/2 x 1 1/2	1.2
2 x 1	1.2
2 1/2 x 1 1/2	1.5
2 x 1	1.5

STAINLESS STEEL OVAL SPHERICAL TUBES

ASTM A554



TYPES OF MATERIAL

202 / 304

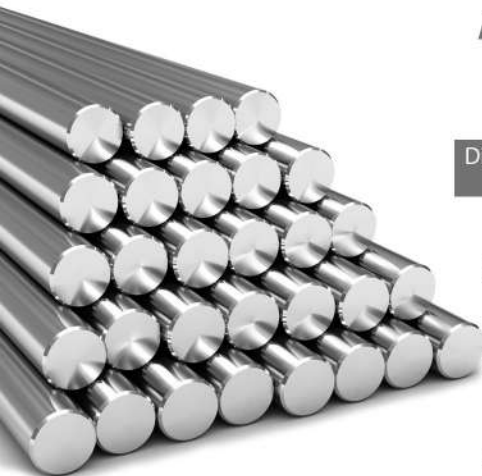
Size, Inch	Thickness (mm)			
	1.5	2.0	2.5	3.0
2 x 2 1/2	●	●	●	●
3 x 2 1/2	●	●	●	●
4 x 2 1/2	●	●	●	●
6 x 3	●	●	●	●
8 x 3	●	●	●	●

STAINLESS STEEL ROUND BARS

ASTM A276 / A484 / JIS 4317 / JIS 4318

TYPES OF MATERIAL

202 / 304



Diameter, Inch	Diameter, Inch	Diameter, Inch	Diameter, Inch	Diameter, Inch
1/8	1/2	1 3/16	2	4
3/16	5/8	1 1/4	2 1/4	4 1/2
1/4	3/4	1 3/8	2 1/2	5
5/16	7/8	1 1/2	2 3/4	6
3/8	1	1 5/8	3	6 1/2
7/16	1 1/8	1 3/4	3 1/2	8

STAINLESS STEEL SQUARE TUBES

ASTM A554 / JIS G 3446



*Length: 20ft

TYPES OF MATERIAL

202 / 304 / 316

Size (H x B)		Thickness (mm)				
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
1/2 x 1/2	12.7 x 12.7	●				
5/8 x 5/8	15 x 15	●	●	●	●	
3/4 x 3/4	19 x 19	●	●	●	●	
1 x 1	25 x 25	●	●	●	●	●
1 1/4 x 1 1/4	30 x 30	●	●	●	●	●
1 1/2 x 1 1/2	38 x 38	●	●	●	●	●
2 x 2	50 x 50	●	●	●	●	●
2 1/2 x 2 1/2	63 x 63			●	●	●
3 x 3	75 x 75			●	●	●



*Length: 20ft.

STAINLESS STEEL RECTANGULAR TUBE

ASTM A554

TYPES OF MATERIAL

202 / 304 / 316

Size (H x B)		Thickness (mm)				
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
1/2 x 1	12.7 x 25	●	●	●		
1/2 x 1 1/2	12.7 x 38	●	●	●	●	
3/4 x 1 1/2	19 x 38	●	●	●	●	
1 x 1 1/2	25 x 38	●	●	●	●	●
1 x 2	25 x 50	●	●	●	●	●
1 x 3	25 x 75	●	●	●	●	●
2 x 3	50 x 75	●	●	●	●	●
2 x 4	50 x 100	●	●	●	●	●

STAINLESS STEEL SQUARE TUBES

ASTM A554 / JIS G 3446



*Length: 20ft

TYPES OF MATERIAL

202 / 304 / 316

Size (H x B)		Thickness (mm)				
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
1/2 x 1/2	12.7 x 12.7	●				
5/8 x 5/8	15 x 15	●	●	●	●	
3/4 x 3/4	19 x 19	●	●	●	●	
1 x 1	25 x 25	●	●	●	●	●
1 1/4 x 1 1/4	30 x 30	●	●	●	●	●
1 1/2 x 1 1/2	38 x 38	●	●	●	●	●
2 x 2	50 x 50	●	●	●	●	●
2 1/2 x 2 1/2	63 x 63			●	●	●
3 x 3	75 x 75			●	●	●



*Length: 20ft.

STAINLESS STEEL RECTANGULAR TUBE

ASTM A554

TYPES OF MATERIAL

202 / 304 / 316

Size (H x B)		Thickness (mm)				
(inch)	(mm)	1.0	1.2	1.5	2.0	3.0
1/2 x 1	12.7 x 25	●	●	●		
1/2 x 1 1/2	12.7 x 38	●	●	●	●	
3/4 x 1 1/2	19 x 38	●	●	●	●	
1 x 1 1/2	25 x 38	●	●	●	●	●
1 x 2	25 x 50	●	●	●	●	●
1 x 3	25 x 75	●	●	●	●	●
2 x 3	50 x 75	●	●	●	●	●
2 x 4	50 x 100	●	●	●	●	●

One Sky

ALUMINUM · STAINLESS · GLASS

铝材 · 不锈钢 · 玻璃

Thermo Scientific Niton XRF Analyzers

Point, Shoot, Analyze – with confidence: Lab-quality results in the palm of your hand.

Thermo Scientific Niton handheld x-ray fluorescence (XRF) analyzers will revolutionize your materials analysis, from screening consumer products for lead (Pb) to testing applications across manufacturing QC, mining exploration and production, scrap metal recycling, lead paint analysis, and many more uses.

Lightweight and rugged, Thermo Scientific Niton XRF analyzers are purpose-built to provide elemental analysis in a nondestructive, point-and-shoot operation. Now you can take measurements anytime, anywhere – for accurate elemental concentrations available in seconds rather than the hours or days it can take for a traditional testing laboratory.

You save significant expense while achieving a greater level of productivity than you ever imagined, giving you a real competitive advantage.



Thermo Scientific Niton XRF Analyzers

*Accurate and precise elemental analysis
anywhere – in seconds*



Niton XL2
VALUE LEADER

95% of the world's largest metals recyclers¹ using analytical equipment to sort alloys depend on Niton XRF analyzers.

The U.S. Consumer Product Safety Commission (CPSC) and Europe's PROSAFE use Niton analyzers for screening toys and other consumer goods.

Complies with EPA Method 6200, measuring RCRA metals and target analytes. Used by regulators such as the U.S. EPA.

Applications include:

- **Metal & alloy testing**
 - Scrap metal recycling
 - Positive material identification (PMI)
 - Manufacturing QA/QC
 - Flow accelerated corrosion (FAC)
 - Precious metals analysis
- **Toys & consumer goods**
 - Toys
 - Apparel
 - Jewelry
 - Furniture
 - RoHS compliance
 - Packaging
- **Mining exploration & production**
 - Geochemical analysis
 - Drill core and cuttings
 - Grade control
- **Environmental analysis**
 - Lead paint testing
 - Dust wipe analysis
 - Soil and sediment
 - Air filters
 - Gypsum testing for Chinese drywall; sulfur corrosion on copper pipes
- **Additional applications**
 - Catalytic converters
 - Coating/plating thickness
 - Dental alloys
 - Building materials
 - Forensic analysis

①ne Sky

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铝材 · 不锈钢 · 玻璃

We offer marketing
support, promotional
activities and exclusive
distributors partnership

