

PRODUCT CATALOG

Complete Range Steel Stainless Steel Aluminum

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8

Product Lines

50+

Export Countries

ISO 9001

Certified Quality

EN 10204

Mill Test Cert.

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Product Catalog Contents

MetalFromTurkey Trading Ltd. — Complete Steel, Stainless Steel & Aluminum Range

No.	Product Category	Standard Family	Pg.
01	Stainless Steel Seamless Pipe	ASTM A312 / ASME SA312 / EN 10216-5	3
02	Stainless Steel Welded Pipe (ERW/EFW)	ASTM A312 / EN 10217-7 / ASTM A270	4
03	Square & Rectangular Hollow Sections	EN 10219 / EN 10210 / ASTM A500	7
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08	Cold-Rolled Round, Square & Rectangular Pipes	EN 10305-3 / EN 10219 / ASTM A513	12

Quality Commitment: All products backed by EN 10204 3.1 Mill Test Certificates. EN 10204 3.1 = manufacturer-witnessed; 3.2 = independent 3rd party witnessed (on request). Third-party inspection by SGS, Bureau Veritas or TUV available. ISO 9001:2015 certified QMS.

01 STAINLESS STEEL SEAMLESS PIPE



Stainless Steel Seamless Pipe

Hot-finished and cold-drawn seamless stainless steel pipes for high-pressure, high-temperature and critical service applications. Produced from solid billets through piercing and elongation - no weld seam, inherently superior under internal pressure and cyclic loading. Preferred for sour service (H₂S), cryogenic and pharmaceutical applications where weld integrity cannot be risked.

Parameter	Specification
Grades	304 / 304L / 316 / 316L / 321 / 310S / Duplex 2205 / Duplex 2507
Standards	ASTM A312 / ASME SA312 / ASTM A213 / EN 10216-5 / DIN 2391
Schedule Reference	ASME B36.19M (SCH 10S to SCH 160) / EN 10216-5
OD Range	6 mm - 450 mm
Wall Thickness	1.0 mm - 60 mm
Length	Up to 12 m - random or fixed cut-to-length
Surface Finish	Mill Finish / Pickled & Annealed / Electropolished (Ra 0.4 um max)
Pressure / Temp.	Up to 30,000 PSI / -196 C to +600 C
NDT Methods	UT per ISO 10893-3/-8 / Eddy Current per ISO 10893-2 / Hydrostatic
Sour Service	ISO 15156 / NACE MR0175 compliant grades available (2205, 2507, 316L)
Tolerances	Per EN 10216-5 / ASTM A213
Certifications	EN 10204 3.1 / ISO 9001 / PED 2014/68/EU / IATF 16949

Chemical Composition (wt %)

Grade	C max	Cr (%)	Ni (%)	Mo (%)	Other
304	0.08	18.0-20.0	8.0-10.5	-	-
304L	0.03	18.0-20.0	8.0-12.0	-	Low carbon
316	0.08	16.0-18.0	10.0-14.0	2.0-3.0	-
316L	0.03	16.0-18.0	10.0-14.0	2.0-3.0	Low carbon
321	0.08	17.0-19.0	9.0-12.0	-	Ti \geq 5xC
2205 (Duplex)	0.03	22.0-23.0	4.5-6.5	3.0-3.5	N: 0.14-0.20

Applications: Chemical Processing / Oil & Gas (Sour Service) / Pharmaceutical / Desalination / Marine & Offshore / Heat Exchangers / Cryogenic Systems

02 STAINLESS STEEL WELDED PIPE (ERW / EFW)



Stainless Steel Welded Pipe (ERW/EFW)

High-frequency induction welded (ERW/HFW) and electric fusion welded (EFW/TIG) stainless steel pipes for industrial, structural and process piping. Full weld-seam ultrasonic inspection per ISO 10893-3. TIG welded variants for sanitary (ASTM A270) and high-purity pharmaceutical applications. Weld zones normalized; electropolished to Ra 0.4 um max for FDA/cGMP compliance.

Parameter	Specification
Grades	304 / 316 / 316L / 321
Standards	ASTM A312 / ASTM A270 (sanitary) / EN 10217-7 / ASTM A778
Weld Procedure	ISO 15614-1 (WPQR qualified) / Weld personnel: ISO 9606-1
OD Range	6 mm - 610 mm
Wall Thickness	0.5 mm - 12.7 mm (SCH 5S to SCH 80S)
Length	Up to 12 m / cut-to-length on request
Weld Seam NDT	Full UT per ISO 10893-3 / ET per ISO 10893-2 / Hydrostatic per EN 10217-7
Surface Finish	2B / BA / No.4 Brushed / No.8 Mirror / Electropolished / Sanitary Ra <= 0.8 um
Certifications	EN 10204 3.1 / ISO 9001 / CE / PED 2014/68/EU / IATF 16949

Available Cross Sections

Shape	Size Range	Grades	Standard
Round	O6 mm - O610 mm	304 / 316 / 316L	ASTM A312 / EN 10217-7
Square	10x10 - 300x300 mm	304 / 316	EN 10219
Rectangular	20x10 - 400x200 mm	304 / 316	EN 10219

Applications: Structural Frameworks / HVAC / Wastewater / Petrochemical / Dairy & Brewing / Shipbuilding / Pharmaceutical / Food & Beverage

03 SQUARE & RECTANGULAR HOLLOW SECTIONS



Square & Rectangular Hollow Sections

Structural hollow sections in stainless steel, carbon steel and aluminum. Welded production compliant with EN 10219 (cold-formed) and EN 10210 (hot-finished). Custom profiles and non-standard sections available on request. All carbon steel grades tested to Charpy impact requirements per EN 10219.

Material	Grade	Square Range	Rectangular Range	Standard
Stainless Steel	304 / 316	10x10 - 300x300 mm	20x10 - 400x200 mm	ASTM A312 / EN 10219
Carbon Steel	S235 / S275 / S355 J2H S460 MH / S550 J2H	CHS: O21.3 - O339.7 mm WT: 2.0-12.7 mm	Length up to 18.3 m	EN 10219 / EN 10210 ASTM A500
Aluminum	6060 / 6061 / 6063	10x10 - 200x200 mm	20x10 - 300x100 mm	EN 755-9

Carbon Steel - Minimum Mechanical Properties (EN 10219)

Grade	Yield (MPa)	Tensile (MPa)	Charpy Impact Req.	Standard
S235	235	360-510	Not required	EN 10025
S275	275	430-580	J0 (0 C)	EN 10025
S355 J2H	355	470-630	J2 (-20 C)	EN 10219
S460 MH	460	540-720	MH (-20 C)	EN 10219
ASTM A500 Gr.C	317	427 min.	Not required	ASTM A500

Coating Options by Material

Material	Coating Option	Standard Reference	Application
Carbon Steel	3LPE	ISO 21809-1	Buried / underground structures
Carbon Steel	FBE	ISO 21809-2	Pipeline / corrosion protection
Carbon Steel	Hot-Dip Galvanizing	EN ISO 1461	Atmospheric exposure
Stainless Steel	2B / BA / Brushed	EN 10088-2	Architectural / food grade
Aluminum	Anodized 10-25 um	QUALANOD	Architectural / decorative
Aluminum	Powder Coat 60-80 um	QUALICOAT	Outdoor / colored finish

03 SQUARE & RECTANGULAR HOLLOW SECTIONS — DIMENSION TABLES

Kare Boru Serisi — Square Pipe Series

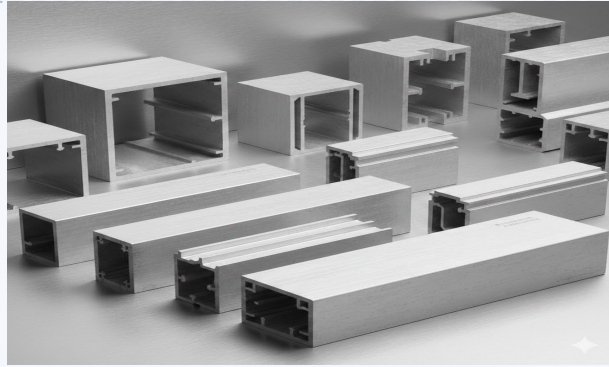
Kesit / Section (mm)	Et Kalınlığı / Wall (mm)	Kesit / Section (mm)	Et Kalınlığı / Wall (mm)
15 x 15	1.0 - 2.0	70 x 70	1.0 - 4.0
20 x 20	1.0 - 2.0	80 x 80	1.0 - 5.0
25 x 25	1.0 - 2.0	100 x 100	1.5 - 5.0
30 x 30	1.0 - 2.5	120 x 120	1.8 - 5.0
35 x 35	1.0 - 3.0	150 x 150	1.8 - 5.0
40 x 40	1.0 - 4.0	200 x 200	2.5 - 7.25
50 x 50	1.0 - 4.0		
60 x 60	1.0 - 4.0		

Dikdörtgen Boru Serisi — Rectangular Pipe Series

Kesit / Section (mm)	Et Kalınlığı / Wall (mm)	Kesit / Section (mm)	Et Kalınlığı / Wall (mm)
20 x 30	1.0 - 2.0	45 x 75	1.0 - 3.5
20 x 40	1.0 - 2.0	50 x 70	1.0 - 4.0
20 x 50	1.0 - 2.0	20 x 60	1.0 - 2.0
25 x 40	1.0 - 2.0	50 x 100	1.0 - 4.0
25 x 50	1.0 - 2.5	60 x 40	1.5 - 4.0
30 x 40	1.0 - 3.0	100 x 60	1.7 - 4.0
30 x 50	1.0 - 4.0	120 x 60	1.8 - 4.75
30 x 60	1.0 - 3.5	120 x 80	1.8 - 4.75
40 x 50	1.0 - 3.5		
40 x 80	1.0 - 4.0		

Applications: Building Frameworks / Bridges / Stadiums / Solar Structures / Furniture / Industrial Machinery / Automotive Chassis

04 ALUMINUM EXTRUDED PROFILE



Aluminum Extruded Profile

Standard and custom cross-section profiles (L, U, T, C, Z and hat sections) produced via direct or indirect extrusion from 6xxx and 5xxx series billets. ISO 9001-certified production from Turkey. Custom die design with DWG/DXF/STEP file acceptance. QUALICOAT powder coating and QUALANOD anodizing lines for durable architectural finishes.

Parameter	Specification
Alloys / Temper	6060-T5/T6 / 6061-T4/T6 / 6063-T5/T6 / 5083-H111/H321
Standards	EN 755-1 to -9 / EN 12020-1 / EN 573-3 / ASTM B221
Profile Types	L, U, T, C, Z, Hat sections / Custom cross-sections per DWG/DXF/STEP
Wall Range	1.0 mm - 25 mm (profile dependent)
Length	Up to 14 m per bar (standard 6 m)
Straightness Tol.	<= 1 mm per 1,000 mm (EN 755-3 T5 class)
Surface Treatment	Mill / Anodized 10-25 um (QUALANOD) / Powder Coated 60-80 um (QUALICOAT) / PVDF / Wood-effect
MOQ	500 kg standard / Project-based for custom die runs
Certifications	ISO 9001 / EN 10204 3.1 / QUALICOAT / QUALANOD / CE / IATF 16949

Alloy Mechanical Properties (EN 755 / ASTM B221)

Alloy	Temper	Tensile (MPa)	Yield (MPa)	Elong. (%)	Primary Application
6060	T5/T6	195 / 215	150 / 170	8 / 8	Architectural profiles
6061	T4/T6	241 / 310	145 / 276	16 / 8	Structural & automotive
6063	T5/T6	185 / 215	145 / 170	8 / 8	Precision extrusion
5083	H111/H321	270-290	125-145	12	Marine & offshore

Applications: Construction & Curtain Wall / Automotive / Solar Panel Framing / Furniture & Interior / Marine & Offshore / CNC Machined Parts

05 ALUMINUM TUBE & PIPE



Aluminum Tube & Pipe

Seamless (drawn) and welded (extruded) aluminum round, square and rectangular tubes from O6 mm to O300 mm. Precise OD/ID tolerances per EN 754 (drawn tube) and EN 755-8 (extruded pipe). Suitable for hydraulic, structural, HVAC and decorative applications.

Parameter	Specification
Alloys / Temper	6060-T5/T6 / 6061-T6 / 6063-T5/T6 / 5083-H111/H321
Standards	EN 754-1/-2 (drawn) / EN 755-8 (extruded) / ASTM B210 / ASTM B241
OD Range	6 mm - 300 mm
Wall Thickness	0.5 mm - 30 mm
Shapes	Round / Square / Rectangular
OD Tolerance	+/- 0.15 to 0.25 mm (EN 754-2 Class T5)
Length	6 m standard / custom cut-to-length on request
Surface	Mill / Anodized (10-25 um) / Powder Coated (60-80 um)
MOQ	1 metric ton
Certifications	ISO 9001 / EN 10204 3.1 / IATF 16949

Dimension Range by Product Type

Type	OD / Size Range	Alloys	Standard	Wall Range
Round Tube (drawn/seamless)	O6 - O150 mm	6060, 6061, 6063	EN 754 / ASTM B210	0.5-15 mm
Round Pipe (extruded)	O20 - O300 mm	6060, 6061, 6063, 5083	EN 755-8 / ASTM B241	1.5-30 mm
Square Hollow Section	10x10 - 200x200 mm	6060, 6061, 6063	EN 755-9	1.0-12 mm
Rectangular Hollow	20x10 - 300x100 mm	6060, 6061, 6063	EN 755-9	1.0-10 mm

Applications: Hydraulic Systems / Fluid Transfer / Structural Frameworks / Automotive / HVAC Ducts / Marine

06 SPIRAL STEEL PIPE (SSAW / HSAW)



Spiral Steel Pipe (SSAW / HSAW)

Helically submerged arc welded (HSAW/SSAW) large-diameter steel pipes for oil & gas transmission, water mains, piling and infrastructure. Dual-pass SAW (inside + outside) per API 5L / EN ISO 3183 and AWWA C200. PSL-1 standard; PSL-2 (enhanced impact, sour service) on request. Full coating systems per ISO 21809 series.

Parameter	Specification
Grades	API 5L: A, B, X42, X46, X52, X56, X60, X65, X70
Standards	API 5L (PSL-1 & PSL-2) / EN ISO 3183 / AWWA C200 / CSA Z245.1 / SY/T 5037
PSL Levels	PSL-1 (standard) / PSL-2 (enhanced Charpy + sour service HIC/SSCC on request)
OD Range	219 mm - 2,220 mm
Wall Thickness	3 mm - 26 mm
Length	Up to 24 m (double-jointed available)
NDT Package	Strip UT (pre-forming) / Weld Seam UT (ISO 10893-6) / RT (X-Ray) / Hydrostatic
Coatings External	FBE (ISO 21809-2) / 3LPE (ISO 21809-1) / 3LPP / CWC
Coatings Internal	Flow Coat Epoxy / FBE lining
Cathodic Prot.	CP design per ISO 15589-1 available for buried pipeline projects
Certifications	API 5L / EN 10204 3.1 / ISO 9001

Size Range & Grade Selection Guide

OD Range (mm)	Wall Thickness (mm)	Typical API Grade	Typical Application
219 - 273	3 - 10	B, X42, X52	Distribution / branch lines
325 - 529	3 - 14	X52, X56, X60	Gathering / trunk lines
630 - 820	5 - 18	X60, X65, X70	Major transmission pipelines
920 - 1,020	6 - 20	X65, X70	Cross-country pipeline
1,220 - 1,620	8 - 26	X70	Water trunk mains
1,820 - 2,220	10 - 26	A, B	Piling / marine / storm water

Applications: Oil & Gas Transmission / Water Trunk Mains / Piling / Offshore Pipelines / Municipal Infrastructure / Penstock

07 GALVANIZED PIPE



Galvanized Pipe

Hot-dip galvanized (HDG) carbon steel pipes for water supply, gas distribution, fire protection and general-purpose applications. Internal/external coating per EN 10240. NSF/ANSI 61 compliance for potable water contact available on request. Firesist(R) fire sprinkler variant: UL Listed and FM Approved per NFPA 13.

Parameter	Specification
Material	Carbon Steel - Hot-Dip Galvanized (HDG)
Standards	EN 10255 / EN 10240 / ASTM A53 / ASTM A795 / ISO 65 / BS 1387
Potable Water	NSF/ANSI 61 compliant coating on request - mandatory in USA/Canada drinking water
OD Range	21.3 mm (1/2") - 339.7 mm (13 3/8")
Series / Weight	Light (L) / Medium (M) / Heavy (H) per EN 10255 / BS 1387
Zinc Coating	Hot-dip, 50-85 um external (EN 10240 Table 1)
Pressure Rating	Medium (M): 25 bar water / Heavy (H): up to 50 bar
End Finish	Plain end / Threaded & Coupled (up to O168.3 mm) / Grooved (Victaulic)
Length	Up to 18.3 m
Certifications	EN 10204 3.1 / ISO 9001 / CE / DVGW / UL Listed / FM Approved (Firesist(R))

Firesist(R) Fire Sprinkler Variant - Full Compliance Package

Property	Specification
Product Standard	ASTM A795 (Black & Hot-Dip Galvanized)
System Standard	NFPA 13 (Installation) / NFPA 25 (Inspection & Maintenance)
Listings	UL 852 Listed / FM 1630 Approved
Size Range	1/2" - 12" (DN 15 - DN 300)
Pressure Rating	Up to 300 psi (20.7 bar)
Compatible Systems	Wet / Dry / Pre-action / Deluge
Groove Coupling	Victaulic-compatible per NFPA 13 Section 6.5
Gas Certification	DVGW (Germany/EU gas distribution)

HDGI Coil / Sheet (Available for Downstream Fabrication)

Grade	Standard	Thickness (mm)	Width (mm)	Zinc Coat (g/m2)
SGCC / SGCH / DX51D+Z	JIS G3302 / ASTM A653 / EN 10346	0.15-0.6	750-1,250	60-180 (two-sided)

Applications: Municipal Water Supply / Gas Distribution / Fire Protection (NFPA 13) / Scaffolding / Irrigation / General Purpose Piping

08 COLD-ROLLED ROUND, SQUARE & RECTANGULAR PIPES



Cold-Rolled Round, Square & Rectangular Pipes

Cold-rolled steel pipes and hollow sections offering superior surface finish, tighter dimensional tolerances and enhanced mechanical properties compared to hot-rolled equivalents. Suitable for precision structural, automotive, furniture, rack and decorative applications. Produced per EN 10305-3 (welded cold-formed) and ASTM A513. Available in round, square and rectangular profiles.

Parameter	Specification
Material	Carbon Steel (DC01 / St37 / S235 / S355)
Standards	EN 10305-3 (welded cold-formed) / EN 10219 / ASTM A513 / ASTM A500
Production	Cold-rolled from strip / ERW welded & cold-sized
Surface Finish	Bright / Oiled / Pickled / Galvanized on request
Length	6 m standard / cut-to-length on request
Tolerances	OD: +/-0.15 mm / Wall: +/-10% (EN 10305-3 Class T3)
MOQ	1 metric ton
Certifications	EN 10204 3.1 / ISO 9001

Square Pipes — Available Sections

Section (mm)	Section (mm)	Section (mm)
10 x 10	22 x 22	38 x 38
12 x 12	24 x 24	40 x 40
15 x 15	25 x 25	45 x 45
16 x 16	28 x 28	48 x 48
17 x 17	28.6 x 28.6	50 x 50
18 x 18	30 x 30	
19 x 19	32 x 32	
20 x 20	35 x 35	
21 x 21	37 x 37	

Rectangular Pipes — Available Sections

Section (mm)	Section (mm)	Section (mm)	Section (mm)
8 x 16	12 x 34	22 x 25	30 x 60
8 x 18	12 x 48	22 x 26	30 x 70
10 x 18	12.3 x 25.4	25 x 38	40 x 60
10 x 20	13 x 23	25 x 30	45 x 75
10 x 22	14 x 20	25 x 40	40 x 80

10 x 30	14 x 72	25 x 50	50 x 100
11 x 21.5	15 x 30	27 x 40	
11.6 x 17.8	15 x 88	30 x 40	
12 x 14	16 x 26	30 x 50	
17.5 x 15.5	18 x 35	19 x 38	
17 x 37	20 x 30	20 x 40	

Round Pipes — Available Diameters (mm)

OD (mm)	OD (mm)	OD (mm)	OD (mm)	OD (mm)
φ11.8	φ13	φ14	φ15	φ16
φ17.5	φ18	φ19	φ20	φ21
φ22	φ23	φ24	φ25	φ26
φ27	φ27.5	φ28	φ28.6	φ29
φ30	φ31	φ32	φ33.5	φ34
φ35	φ36	φ37	φ38	φ39
φ40	φ42	φ43	φ44	φ45
φ47	φ48	φ50	φ50.8	φ52
φ54	φ56	φ58	φ60	φ63
φ65	φ67	φ68	φ70	φ73
φ75	φ76	φ80	φ85	φ100

Applications: Furniture & Racking / Automotive Parts / Precision Structures / Decorative Frameworks / Machinery Components / Display Stands

QUALITY, CERTIFICATIONS & ORDERING

Certification	Scope	Product Applicability
ISO 9001:2015	Quality Management System	All products
ISO 14001:2015	Environmental Management System	All products
IATF 16949	Automotive Quality Management	SS & Aluminum products
API 5L / PSL-1 & PSL-2	Line Pipe Standards	Spiral & ERW pipe
EN 10204 3.1	MTC - manufacturer-witnessed	All products (standard)
EN 10204 3.2	MTC - independent 3rd party witnessed	On request (additional cost)
PED 2014/68/EU	Pressure Equipment Directive	SS pipe & pressure fittings
CE Marking	EN 10210, EN 10219 compliance	Structural hollow sections
UL Listed / FM Approved	Fire Protection - Firesist(R)	Galvanized sprinkler pipe
DVGW	Gas and Water (Germany/EU)	Galvanized pipe
QUALICOAT	Powder coating quality	Aluminum profiles & tube
QUALANOD	Anodizing quality	Aluminum profiles & tube
NSF/ANSI 61	Potable water health effects	Galvanized pipe (on request)

Contact & Ordering

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Location	Bursa, Turkey
Export Markets	50+ Countries - EU / Middle East / Central Asia / USA
Quote Response	Within 24 hours
Delivery (EU)	10-15 business days
MOQ	5 tons (steel) / 1 ton (aluminum pipe & tube) / 500 kg (aluminum profile)
Payment Terms	T/T / L/C / D/P / D/A
Incoterms 2020	EXW / FOB / CIF / DAP / DDP

All specifications should be confirmed with the sales team before ordering. Product availability and lead times are subject to current production schedules. Technical data sourced from metalfromturkey.com and Tianjin Ruitong Iron & Steel Co., Ltd. brochures. Technical improvements in this edition prepared per ISO 10893 NDT series, ISO 15156 sour service, ISO 21809 coating standards, AWWA C200, NFPA 13 and NSF/ANSI 61 requirements.