



SS BINDING WIRE

Product Catalog



SS Binding Wire



Features

- **High-Strength Material:** Made from premium stainless steel for superior tensile strength, ensuring secure fastening and long-lasting performance.
- **Corrosion & Rust Resistant:** Stainless steel construction provides excellent resistance to rust, corrosion, and environmental degradation, ideal for indoor and outdoor use.
- **Flexible & Easy to Use:** Soft enough to bend and twist manually or with simple tools, yet strong enough to hold materials firmly in place.
- **Versatile Applications:** Suitable for construction, industrial bundling, agriculture, electrical installations, and DIY projects.
- **Durable & Long-Lasting:** Maintains integrity and performance even under harsh conditions, reducing the need for frequent replacements.
- **Consistent Quality:** Uniform gauge and smooth surface ensure reliable performance and professional results in all applications.
- **Wide Size Range:** Available in multiple gauges and coil lengths to meet diverse fastening and binding requirements.
- **Quick & Efficient Fastening:** Enables fast, secure tying and bundling, saving time on assembly, packaging, and construction tasks.
- **Meets Industry Standards:** Manufactured to comply with quality and safety standards, providing dependable results in industrial and commercial use.

Description

SS Binding Wire is a versatile fastening solution used for securing, tying, and bundling materials in construction, industrial, and manufacturing applications. Made from high-quality stainless steel, this wire offers excellent corrosion resistance, strength, and flexibility, ensuring long-lasting performance even in harsh environments. Available in various gauges and coil sizes, it provides a reliable and easy-to-use method for holding materials together securely. Ideal for applications where durability, precision, and resistance to rust are critical.

Applications

- **Construction & Reinforcement:** Secures rebar, rods, and structural elements in concrete and steel frameworks for strong, stable constructions.
- **Industrial Bundling & Packaging:** Ties and bundles pipes, cables, and other materials for safe handling, storage, and transport.
- **Electrical & Plumbing Installations:** Provides reliable fastening of wiring, conduit, and tubing in residential, commercial, and industrial projects.
- **Agriculture & Horticulture:** Supports plants, fencing, and trellises while resisting rust and environmental wear.
- **Automotive & Mechanical Applications:** Holds components in place during assembly, repair, or temporary fixing of parts.
- **Crafts & DIY Projects:** Offers flexible and durable binding for metalwork, art installations, and other creative uses.
- **Corrosion-Resistant Fastening:** Ideal for outdoor or humid environments where standard wire may degrade over time.
- **Maintenance & Repairs:** Provides a quick, reusable method for tying or securing parts during servicing or adjustments.





SS Binding Wire

Specifications

Dimensions	ASTM A164 / ASME SA164
Standard	GB, JIS, ASTM, AISI, DIN
Diameter	1 to 4mm
Gauge	10 to 14 Gauge
Shape	round, oval, square, hexagonal, trapezoidal
Width	3.7MM, 4MM, 8MM, 10MM
Test Certificate	Chemical test, Fitting test, Alloy test, Radiography test, Macro and micro-test, Hydrostatic test, Impact test



Equivalent Properties

Standard	SS 316
UNS	S31600
WERKSTOFF NR. / DIN	1.4401 / 1.4436
AFNOR	Z7CND17-11-02
JIS	SUS 316
GOST	-
BS	316S31 / 316S33
EN	X5CrNiMo17-12-2 / X3CrNiMo17-13-3

Mechanical Properties

Density	8.0 g/cm ³
Melting Point	1400 °C (2550 °F)
Tensile Strength	Psi – 75,000 , MPa – 515
Yield Strength (0.2% Offset)	Psi – 30,000 , MPa – 205
Elongation	35 %



Chemical Composition

Grade	C (max)	Mn (max)	Si (max)	P (max)	S (max)	Cr (%)	Mo (%)	Ni (%)	N (max)
316	0.08	2	0.75	0.045	0.030	16-18	2-3	10-14	0.1