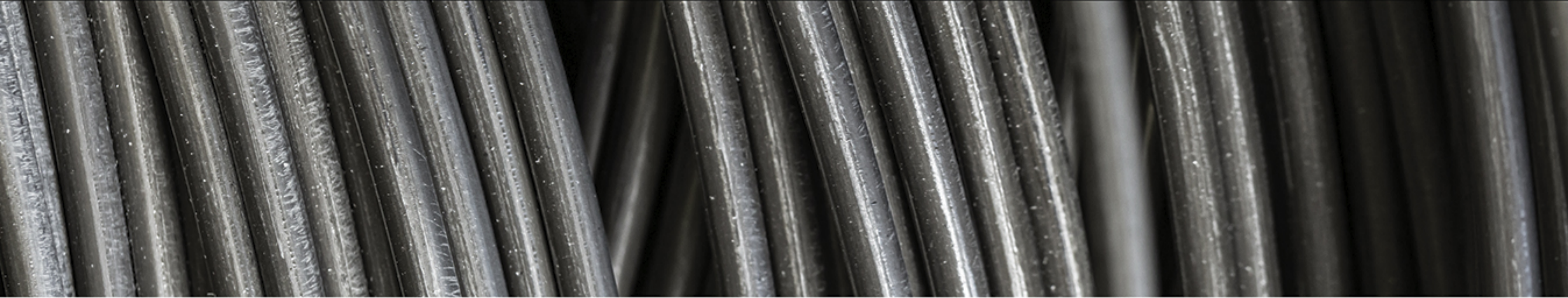


High Quality
Industrial
Wire Products





Bright Basic Wire

Includes low carbon steel wire with a bright polished finish made through a cold-drawn process, thereby increasing its tensile strength. Ranging from C1005 to C1025.

This product conforms to ASTM A510 and ASTM A853. We can also meet any other requirement, with our engineering team.

This product comes in Coils and Spools.

Diameters: .040 to .750

Advantages

High quality Bright Basic Wire with a wide range of industrial and commercial applications. This Wire has physical-mechanical characteristics used for bending, straightening, welding, and a surface finish that allows for epoxy, plasticized, galvanized, porcelain, and powder coatings.

Applications

- Automobile parts
- Baskets
- Cages
- Chain link Fence
- Concrete accessories
- Displays
- Hooks
- Nails
- Shelving
- Shopping Carts
- Straight & Cut
- Welded Wire Mesh
- Wire forming
- Countless others

* This product is recommended for porcelain or vitrified processes with a carbon content $\leq 0.08\%$

* This product is not recommended for chrome or nickel plating. For these processes, we recommend our PQ Wire.



Plating Quality Wire

Produced in low carbon steel, manufactured with the highest quality standards to achieve a polish, plated and smooth surface (Surface roughness $R_a \leq 1.5\mu\text{m}$). Great for chrome plating, powder coating, and different variations of high-quality plating.

Ranging from C1005 to C1025.

Advantages

Provides a guaranteed consistent quality in customer's end processes, such as chrome plating and powder coating. Adaptable to welding processes.

Applications

- Automobile parts
- Cable Trays
- Carts
- Chromed Wire Forms
- Household items such as Paint Rollers.
- Racks and Displays

* Due to this product's demand for an explicit surface finish, a layer of rust prevention additive is suggested to help protect it.

Different lubricants / rust prevention additives can be used so that it is aligned with customer's pre-wash system.

For specific additive/lubricant inquiries, please work with WMC engineering department.



Bright Basic Deformed Negative

Carbon Steel Wire with negative deformations to improve adherence to concrete. For any specific mechanical property requests, seek guidance from the WMC Engineering Department. The following are the current standards being used: ASTM A510 y ASTM A1064. Size ranging from 0.250" to 0.500".

Advantages

Higher yield and tensile when compared to standard rebar.

Applications

For the construction industry.

HDMB Wire

Includes medium and high carbon steel wire through a cold-drawn process. Its wire resistance is ideal for mechanical springs and concrete reinforcements. The properties of this type of wire are discussed directly with the customer and are based on their specific needs. Ranging from C1026 to C1080.

These products meet the following standards: ASTM A510, ASTM A407, and ASTM A227. WMC's engineering team can help work with customer to develop new products or evaluate any special requests.

Diameters: .091 to .192

Advantages

One of the most versatile steel wires, hard-drawn wire is suitable for a wide range of manufacturing applications.

* Zinc phosphate coating on customer request.

Applications

- Automobile Parts
- Concrete reinforcement
- Duct Wire
- Mattress Industries
- Screens
- Springs
- Wire Springs
- Many other uses

Black Annealed Wire

Cold drawn low carbon steel wire which is produced through an annealing heat treatment based on a controlled nitrogen atmosphere, assuring a completely scale-free surface. This process gives the wire the characteristic of high ductility. Raging from C0.048 – C0.500.

Advantages

High ductility and resistance suitable for diverse uses. Consistent smoothness across the wire. Malleable and great for tying.

- * We can also offer Bright Annealed Wire.
- * Tensile strength depends on the steel grade and must be worked directly with the WMC Engineering Department.
- * Tensile strength will depend upon customer's needs as long with elongation required.

Applications

- Tie Wire or used to secure heavy objects in hot dip galvanizing.
- Different Industrial Processes
- Construction Industry
- Agricultural Industry
- Recycling Industry

Spooled Box Wire

Spooled wire for bales, heat-treated and lubricated, presented in special boxes for horizontal baling machines. Tensile strength from 50 up to 62 ksi (334 to 431 N/m2)

Advantages

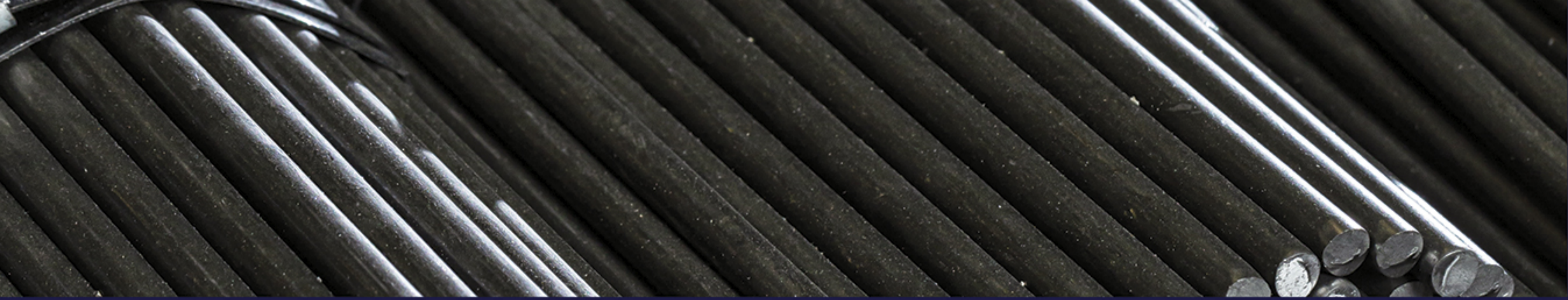
This wire features an oil lubricant coating that prevents tangles and rust. Packaging includes boxes of 50lbs or 100lbs and available in various gauges.

Applications

Used in the agricultural industry for baling hay, straw or cut grass. It is also used in the recycling industry for baling of cardboard, plastic, and metal parts.

ASW	Average Weight (Pounds)	Tensile Strength KSI	Length Average (FT)	Breaking Point Average (Pounds)	Breaking Point Average (Newtons)
9	100	60 - 75	1699	1161	5162
	50		849		
10	100	60 - 75	2041	966	4295
	50		1021		
11	100	60 - 75	2584	763	3394
	50		1292		
12	100	60 - 75	3375	584	2598
	50		1687		
14,5	100	45 - 60	6614	232	1031





Bright Basic Straight & Cut Wire

Carbon Steel wire complying with ASTM A510, straightened and cut to lengths ranging from 6" to 96" and diameters ranging from 0.062" to 0.375".

Advantages

Pre-cut wire packaged in convenient bundles for particular and personalized applications. Allows you cut costs in labor and time. This process is available for all of our wire types even black annealed

Applications

- Wire forming
- Shelving
- Floors
- Cages
- Ties
- Many others.



Wire Forms

Our fabricated wire forms are produced using a 3D bender for low and medium carbon steel wires.

Applications

- Automobile parts
- Displays
- MSE wall anchors
- Shelves
- Shopping carts
- Among others.

WMC is a family owned company that values the safety and well-being of all team members as our number one priority.



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