VIVIDH

VIVIDH WIRES LIMITED

- Stainless Steel Wires
- Stainless Steel Bright Bars
- Stainless Steel MIG/TIG Wires
- Stainless Steel Shape/Profile Wires

www.vividhwires.com

ABOUT US

Vividh Wires Limited is the Stainless Steel wire division of the diversified Vividh Group. Since its beginnings in 1981, the group has used state-of-the-art technology with a strong emphasis on product quality and customer satisfaction. Vividh Wires Limited is carrying this proud legacy forward with the establishment of an ultramodern Stainless Steel wire drawing unit in Greater Noida, with an installed production capacity of 6000 MT per annum.

The product range for Stainless Steel Wires varies from 8.00MM to 0.10MM in various grades such as AISI 200, 300 & 400 series or equivalent other international grades. These wires are available with different properties such as soft, quarter hard, half hard, ¾ hard or full hard and surface finishes such as matt, bright, coated or de-coated, customized upon request as per its final application.

The company's strong focus on continual improvements and strict adherence to quality standards has provided the ability to service customers across an extremely diverse range of industries.

PRODUCTS

The wires supplied by us are broadly categorised into the following types:

- Wires for Mesh Weaving, Conveyor Belts, Filters & Screens
- Wire for Redrawing
- Nail Wires
- Rope Wires
- Wire for Welding Electrodes
- Spring Wires

STAINLESS STEEL WIRES

Size: 0.10MM to 8.00MM

Grades: AISI 200, 300 & 400 Series or equivalent other international grades
Finish: Soft Annealed, ¼ Hard, ½ Hard, ¾ Hard & Full Hard (Bright & Matte Finish)

Type	Delivery Condition	Diameter in mm	Weight min / max in kgs	Inside Dia. in mm
SPOOL	Annealed	0.10 to 1.60	DIN - spools sizes and weights upon request	
	Bright hard drawn (For springs / ropes)	0.10 to 0.60		
	MIG wire	0.80 to 1.60	9 / 13	DIN-spools K 300
WOODEN / STEEL REEL	Full hard for spring	0.40 to 2.80	200 / 400	- - -
COIL	Annealed	1.60 to 2.00	50 / 100	300 / 400
		2.00 to 3.00	200 / 400	500 / 600
		3.00 to 6.00	300 / 500	500 / 600
	Bright drawn	1.50 to 2.00	50 / 100	350 / 600
		2.00 to 6.00	200 / 400	500 / 600
	Dry drawn, full hard for springs & ropes	0.50 to 0.70	15 / 30	230 / 250
		0.75 to 1.20	30 / 80	300 / 400
		1.30 to 1.70	50 / 100	300 / 400

PRODUCTS

STAINLESS STEEL MIG WIRES

Size: 0.8MM to 1.6MM

Grades: ER308, ER308L, ER309, ER309L, ER310, ER312, ER316 and ER316L
Finish: Bright & Matte
Packaging: Layer Wound on spools up to 15 Kg Approx

STAINLESS STEEL TIG WIRES

Size: 1.2MM to 5MM

Grades: ER308, ER308L, ER309, ER309L, ER310, ER312, ER316 and ER316L
Packaging: In Plastic/Fibre Tubes of 2Kg/5Kg Each

STAINLESS STEEL BRIGHT BARS

Size: 2MM to 10MM

Grades: AISI 200, 300 & 400 Series or equivalent other international grades

STAINLESS STEEL SHAPE/PROFILE WIRES

Available in various shapes such as Oval, Triangular & Half-Round etc.

USEFUL TECHNICAL CHARTS

Below are some useful technical charts you may want to use when designing your products. Please call us for application engineering assistance or technical product recommendations.

Stainless Steel Wire Characteristics:

Stainless steel wire is used when high strength and corrosion resistance is important in an application. Stainless Steel

Wires Varies by:

1. Type 2. Diameter 3. Hardness 4. Tensile 5. Surface Condition

Types of Wire:

Each TYPE has a different allowable range of CHEMICAL COMPOSITION to meet various performance requirements.

Chemical Composition for Common Types of Stainless Steels

TYPE	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	Fe	Other
201	<0.15	<1.00	5.5-7.5	<0.06	<0.03	3.5-5.5	16.0-18.0	–	–	Balance	N<0.25
204CU	<0.15	<1.00	6.5-9.0	<0.06	<0.03	1.5-3.51	5.5-17.5	<1.0	2.0-4.0	Balance	N<0.25
302	<0.15	<1.00	<2.00	<0.045	<0.03	8.0-10.0	17.0-19.0	–	–	Balance	N<0.25
304	<0.08	<1.00	<2.00	<0.045	<0.03	8.0-10.5	18.0-20.0	–	–	Balance	–
304L	<0.03	<1.00	<2.00	<0.045	<0.03	9.0-13.0	18.0-20.0	–	–	Balance	–
305	<0.12	<1.00	<2.00	<0.045	<0.03	10.5-13.0	17.0-19.0	–	–	Balance	–
316	<0.08	<1.00	<2.00	<0.045	<0.03	10.0-14.0	16.0-18.0	2.0-3.0	–	Balance	–
316L	<0.03	<1.00	<2.00	<0.045	<0.03	12.0-15.0	16.0-18.0	2.0-3.0	–	Balance	–
321	<0.08	<1.00	<2.00	<0.045	<0.03	9.0-13.0	17.0-19.0	–	–	Balance	–
410	<0.15	<1.00	<1.00	<0.040	<0.03	<0.6	11.5-13.5	–	–	Balance	–
430	<0.12	<0.75	<1.00	<0.040	<0.03	<0.6	16.0-18.0	–	–	Balance	–

INFRASTRUCTURE

Our state-of-the-art manufacturing facility is located in Greater Noida, Uttar Pradesh. Our plant is strategically located just 15 kms away from ICD Dadri and about 50 kms from the New Delhi Airport.

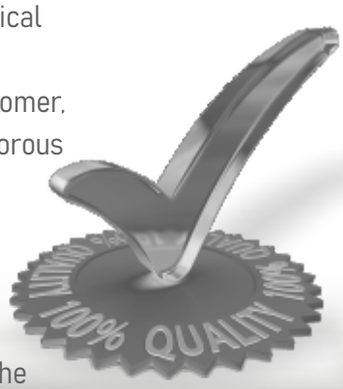
We firmly believe that a solid infrastructure is the main driving factor behind the growth of any manufacturing company and as such, we have invested heavily in the latest machinery, production technologies and testing equipment. As a result, we are fully confident in our ability to meet the individual requirements of our customers.

The in-house QC lab is also equipped with the latest inspection equipment to ensure that flawless products are delivered to the customers each time. As a result of this continuous improvement in each facet of our business, we have become a reliable source of quality products in both the Indian & international markets.

QUALITY

At Vividh Wires, we try our best give impetus to creative solutions that encourage economical efficiency for our customers. Our mission is to understand the needs of the customer and provide them with an innovative and competitive solution. With a central focus on the customer, we ensure that timely delivery is provided without any compromise on quality through rigorous inspection methods such as:

- Chemical Analysis of raw materials & finished production
- Computerised Tensile Strength Testing
- Physical Inspection for Surface Defects



The constant & tireless efforts of our quality control department ensure that quality is at the heart of all manufacturing practises.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