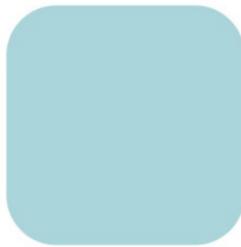


www.hengxingchinese.com



**GONGYI HENGXING
HARDWARE CO., LTD**

Galvanized Steel
Wire & Strand >>>



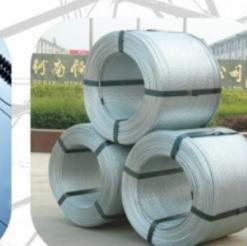
**GONGYI HENGXING
HARDWARE CO., LTD**

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Introduction

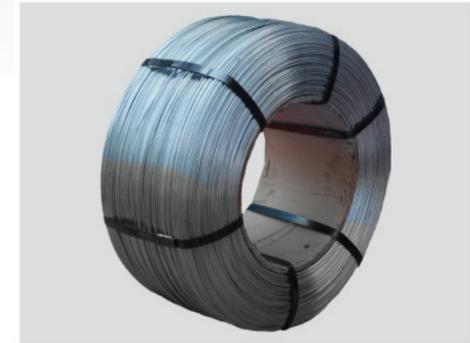
Gongyi Hengxing Hardware Co., Ltd was founded in 1995. After 17 years development, Hengxing Hardware has production capacity 200,000tons for galvanized steel wire & strand, with 20 production lines for zinc coating and 34 lines for stranding wire. ISO certificated quality management and tough cost control allow Hengxing Hardware offer products with stable quality and added value.

Shanghai Electric Cable Research Institute and China National Water Resources & Electric Power Materials & Equipment Co., Ltd tested Hengxing products and approved the application in Three Gorge Power Project, Electricity Transmitting from West to East of China, and other huge electricity transmitting projects.

With proven technique in galvanized steel wire & stand industry, in 2002, Hengxing participate in making of national production standards for ASCR steel wire and strand, GB/T3428-2002.



Galvanized Steel Strands



Galvanized Steel Wire & Galvanized Armouring Steel Wire



Our galvanized steel is with clean and firm coating, shining surface, and strong corrosion resistance. The vertical hot-dip galvanized technology ensures coating thickness. The product has excellent mechanical properties. They are used for suspension wire, communication cable, staying wire, overhead conductor, ASCR.

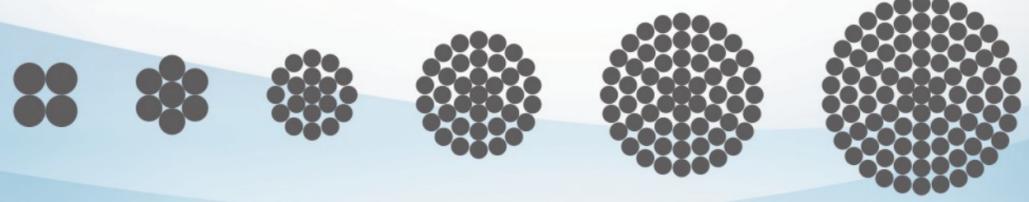


Production Workshop



Available Size and Type

Galvanized steel 1.57-4.77mm
 Galvanized strand 5 wires, 7 wires, 19 wires, 37 wires.
 Armoring steel above 0.9mm



Quality Certificate

- 1998: ISO 9002:1994 Quality Management System Certification Certificate
- 2003: ISO 9001:2000 Quality Management System Certification Certificate
- 2009: ISO 9001:2008 Quality Management System Certification Certificate
- 2012: BV report & RoHS report



Testing

With comprehensive testing equipments and advanced testing techniques to every processing, we control processing quality timely to ensure all parameters within strict standard, further to qualify finished products.



Package in Warehouse and Loaded in the Container



Customers



ASTM B 498/B 498M: 1998 (Reapproved 2002)

Wire diameter mm	Permissible Variation mm	Adherence Test Ration of Mandrel D to Wire D (Dia)	Stress at 1% Extension Mpa (min)	Tensile strength Mpa (min)	Elongation in 250mm % (min)	Zinc coating Class A	
						mm	g/m ²
over 1.60 to 2.30	+0.04/-0.03	3	1310	1450	3.0	over 1.60 to 1.90	210
over 2.30 to 3.05	+0.05/-0.05	4	1280	1410	3.5	over 1.90 to 2.30	220
over 3.05 to 3.60	+0.08/-0.05	5	1240	1410	4.0	over 2.30 to 2.70	230
over 3.60 to 4.80	+0.10/-0.08	5	1170	1380	4.0	over 2.70 to 3.10	240
						over 3.10 to 3.50	260
						over 3.50 to 3.90	270
						over 3.90 to 4.50	275
						over 4.50 to 4.80	300

ASTM A 475: 2003

Nominal diameter of Strand. In (mm)	Number of Wires in Strand	Nominal diameter of Coated Wires in Strand. (mm)	Approximate Weight of Strand(kg/304.8m)	Minimum Breaking Strength of Strand (KN)				
				Utilities Grade	Common Grade	Siemens Martin Grade	High Strength Grade	Extra High Strength Grade
3/16 (4.76)	7	1.57	33	-----	5.115	8.452	12.677	17.748
7/32 (5.56)	3	2.64	40	-----	6.228	10.409	15.569	21.796
7/32 (5.56)	7	1.83	44	-----	6.850	11.387	17.126	24.020
1/4 (6.35)	7	2.03	55	-----	8.452	14.012	21.129	29.581
9/32 (7.14)	7	2.36	74	20.462	11.432	18.905	28.469	39.812
5/16 (7.94)	7	2.64	93	-----	14.234	23.798	35.586	49.820
3/8 (9.52)	7	3.05	124	51.155	18.905	30.915	48.040	68.503
7/16 (11.11)	7	3.68	181	80.068	25.355	41.591	64.499	92.523
1/2 (12.70)	7	4.19	234	111.206	32.917	53.823	83.627	119.657
1/2 (12.70)	19	2.54	229	-----	33.895	56.492	84.961	118.768
9/16 (14.29)	19	2.87	289	-----	42.881	71.616	107.202	149.905
5/8 (15.88)	19	3.18	361	-----	48.930	80.513	124.995	178.819
3/4 (19.05)	19	3.81	524	-----	71.172	116.643	181.487	259.331

BS EN 50189: 2000 (For ST1A)

Nominal wire diameter mm	Tolerance	Stress at 1% extension N/mm ²	Tensile strength N/mm ²	Elongation on 250mm %	Wrapping test	No of torsion twists	Zinc Coating		
							Min mass of Zn g/m ²	Min No. of one minute dips	
Over	Up to and including	mm	Min	Min	Min	*D	Min		
1.57	1.75	±0.03	1170	1400	3.0	1	18	200	2
1.75	2.25	±0.03	1170	1400	3.0	1	18	215	2 1/2
2.25	2.75	±0.04	1140	1350	3.0	1	16	230	2 1/2
2.75	3.00	±0.05	1140	1350	3.5	1	16	230	3
3.00	3.50	±0.05	1110	1300	3.5	1	14	245	3 1/2
3.50	4.25	±0.06	1110	1300	4.0	1	12	260	3 1/2
4.25	4.75	±0.06	1110	1300	4.0	1	12	275	4