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[Korea Manufacturing Corporation (Cheonan)] DUSCO WIRE CO., LTD.

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[Vietnam Manufacturing Corporation (Hai Duong)] DUSCO VINA STEEL WIRE CO., LTD.

LOT15, NAM SACH INDUSTRIAL ZONE, AI QUOC WARD, HAI DUONG CITY, HAI DUONG PROVINCE, VIETNAM

[Vietnam Manufacturing Corporation (Hai Phong)] DUSCO VINA STEEL WIRE CO., LTD (HAI PHONG)

LOT L4.5, L4.4A DO SON INDUSTRIAL ZONE, NGOC XUYEN WARD, DO SON DISTRIC, HAI PHONG CITY, VIETNAM

www.dongnam.co.kr / www.duscowire.co.kr



DUSCO
Wire



GREETING

New solutions for metal surface treatment and surface function reinforcement

We, DUSCO WIRE owe its origin to the founding of DUKSOO INDUSTRY in 1979.

Our growth and success are due to ongoing research, development and technological innovations making us a market leader in the iron wire business.

Through our constant research and development, we have developed an environment-friendly zinc plating technique and it enable us to produce a special galvanized iron wire for cable braiding and netting and it also applied to general use of galvanized iron wire.

Our products meet ISO9001 and we have a large share of the Korean, Japanese, Chinese and Iranian markets.

We aim to build on our successful reputation for high quality products and excellent customer satisfaction.



HISTORY

- 2020 Second production base in Vietnam (Hai Phong)
- 2015 Established first production base in Vietnam (Hai Duong), DUSCO VINA STEEL WIRE CO., LTD.
- 2012 DONGNAM STEEL WIRE CO., LTD. was renamed as DONGNAM CO., LTD.
- 2010 Expanded domestic production base in Korea (Cheonan), DUSCO WIRE CO., LTD. / Obtained KS Q ISO 9001 & KS I ISO14001
- 1998 Established DONGNAM STEEL WIRE CO., LTD.
- 1993 First overseas production base in China (Tianjin), TIANJIN DUKSOO STEEL WIRE CO., LTD.
- 1985 DUKSOO INDUSTRY INC was renamed as DUKSOO STEEL WIRE CO., LTD.
- 1979 Foundation of DUKSOO INDUSTRY INC.

PLANT

DONGNAM CO., LTD.

DUSCO WIRE CO., LTD.
KOREA



DUSCO VINA STEEL WIRE CO., LTD.
VIETNAM



TIANJIN DUKSOO STEEL WIRE CO., LTD.
CHINA



**Clean working environment!
It matters to the quality.**



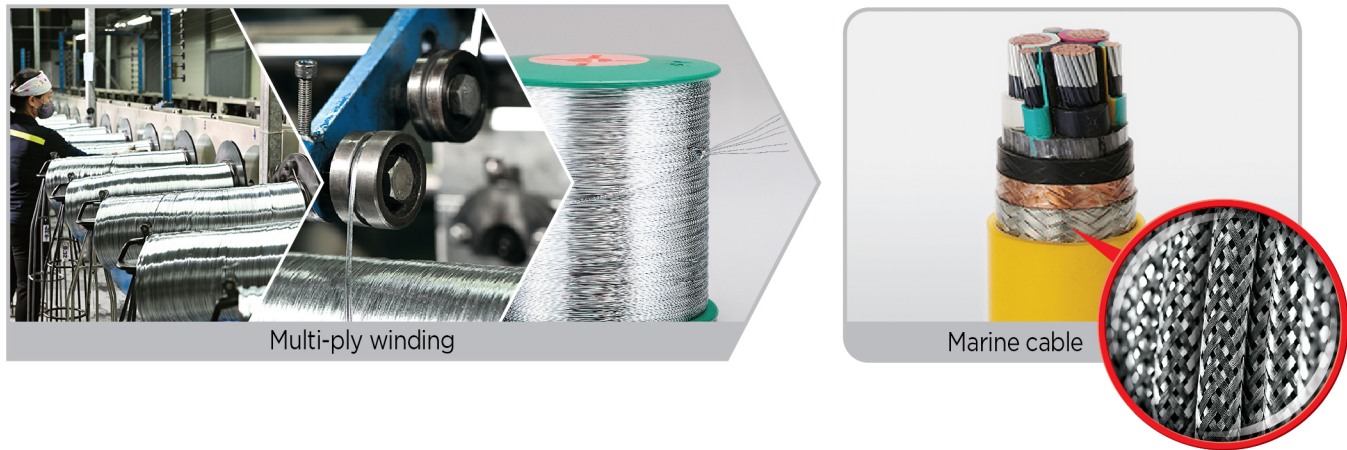
PRODUCT

Galvanized iron wire

Wire Diameter	Tensile Strength	Elongation	Zinc Coating	Packaging
mm	N/mm ²	%	g/m ²	kg
0.20 ~ 0.60	290 ~ 540	10 ↑	15 ↑	Coil : 20, 25, 50
0.63 ~ 4.80				Bobbin : 10 ~ 100

Multi-ply winded galvanized iron wire for cable braiding : (5 ~10 ply)

Process & Application

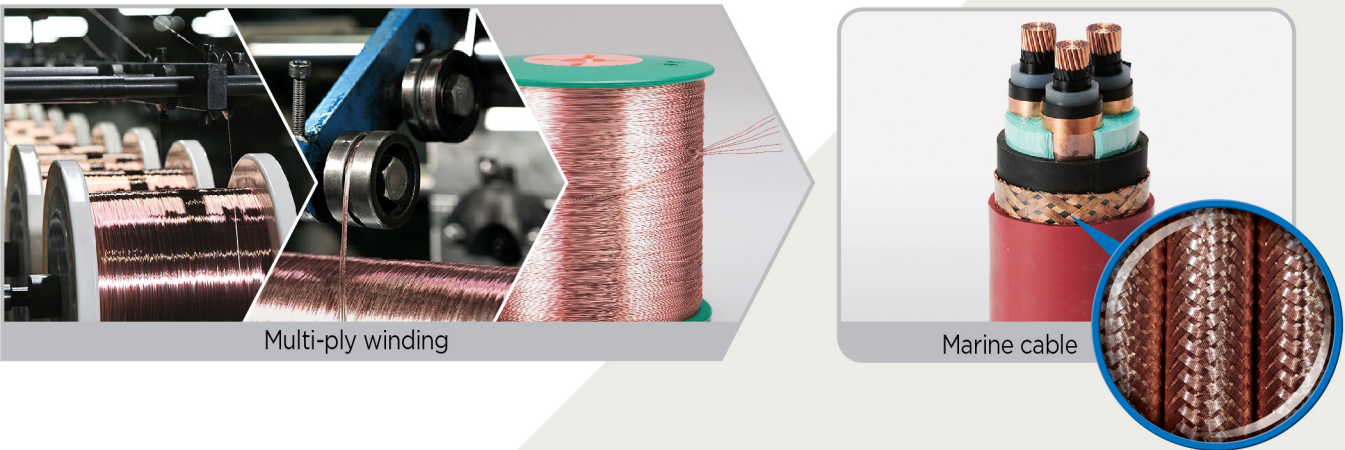


Annealed copper wire and Tinned copper wire

Wire Diameter	Tensile Strength	Elongation	Packaging
mm	N/mm ²	%	—
0.16 ~ 0.60	230 ~ 270	15 ↑	DIN250, DIN300

Multi-ply winded copper wire for cable braiding : (4 ~13 ply)

Process & Application



Armoring wire

Wire Diameter	Tensile Strength	Elongation	Zinc Coating	Packaging
mm	N/mm ²	%	g/m ²	kg
0.70 ~ 1.25	290 ~ 490	10 ↑	15 ~ 350	100 ~ 350
1.60 ~ 6.00				500 ~ 850

Multi-ply winded galvanized iron wire for cable braiding : (5 ~10 ply)

Process & Application



PRODUCT

Coated wire for mesh

Diameter After Coating	Diameter Before Coating	Coating Material	Packaging
mm	mm	—	kg
0.50	0.35	PVC, PE	20, 50

Application



Annealed iron wire

Wire Diameter	Tensile Strength	Elongation	Zinc Coating	Packaging
mm	N/mm ²	%	g/m ²	kg
0.20 ~ 0.90	290 ~ 540	10 ↑	—	10 ~ 150

Application

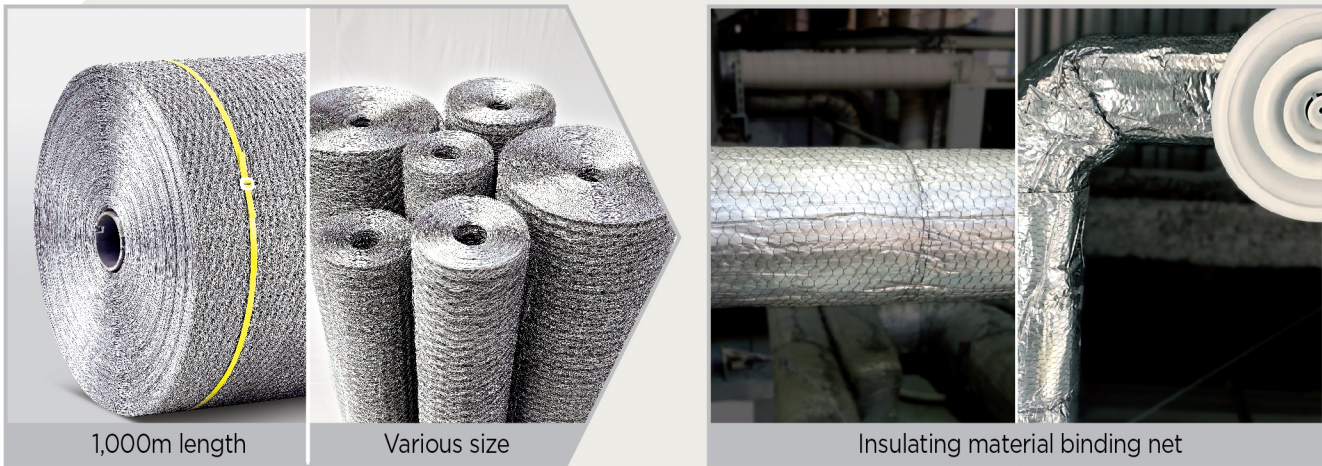
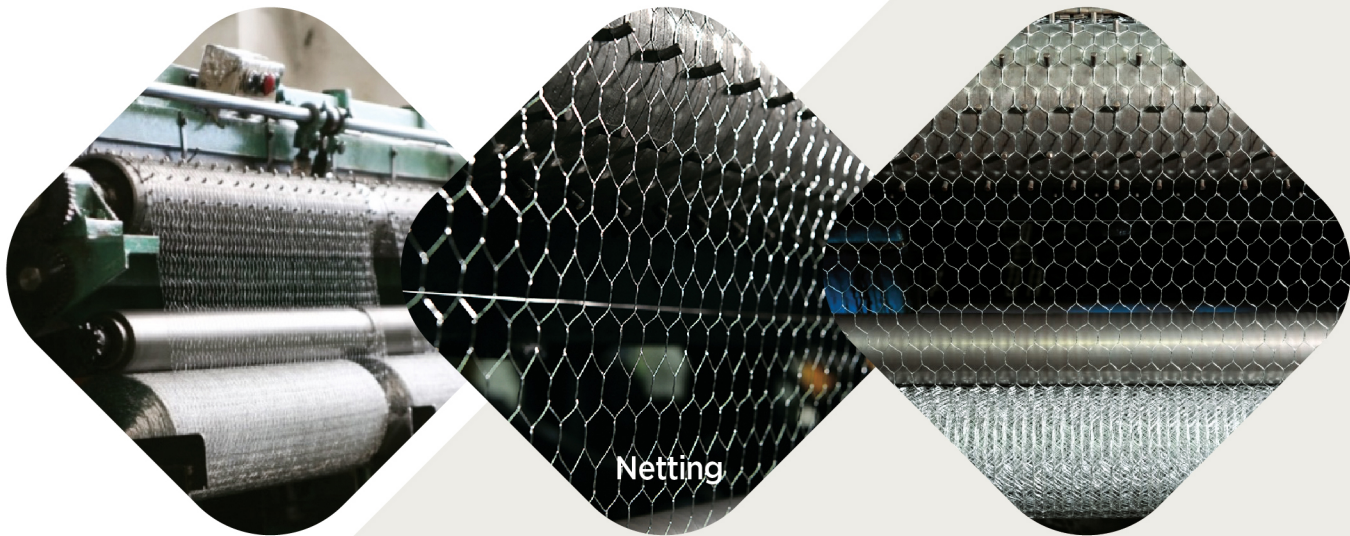


Hexagonal wire mesh

Mesh Size (mm)	Wire Diameter (mm)	Width (mm)	Length (m)
16	0.40 ~ 0.70	910 / 985 / 1000	25 ~ 1000
26	0.55 ~ 0.65		

Width and Length are available upon request.

Process & Application



SPECIAL PRODUCT

XGI-wire

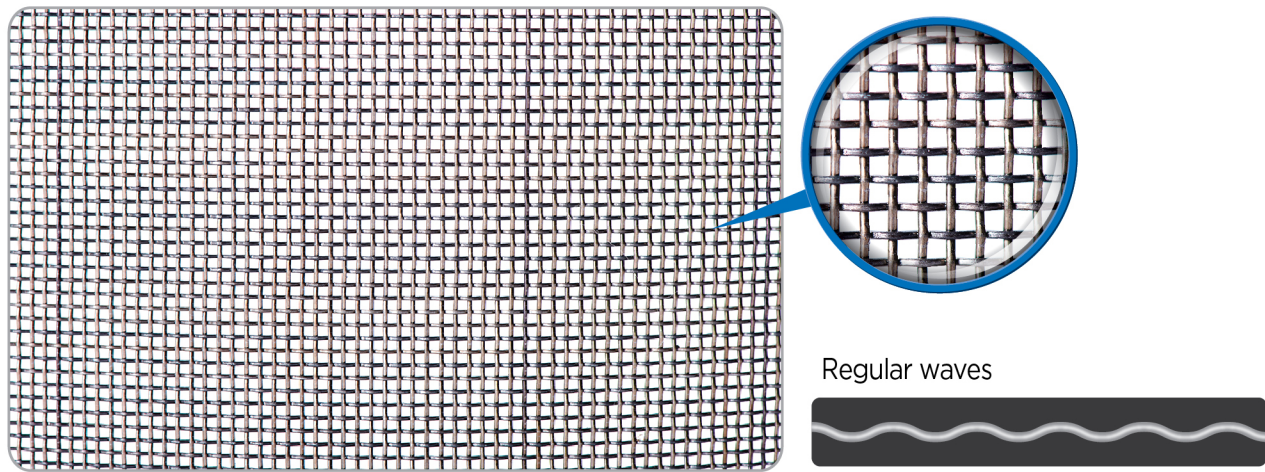
XGI is a "lead-zero" galvanized iron wire.

- Features
- No lead in hot dip galvanizing process.
 - Heavy coated zinc with excellent corrosion resistance.
 - Used for an industry which restricts lead-use strictly.

QGI-wire

QGI is a "soft & mild" galvanized iron wire.

- Features
- Improved the quality problems such as irregular waves that occurs when netting with GI.
 - Uniform tensile strength, high elongation and low yield strength.
 - Easy to process and put less stress on machines.



Specifications

Product	Wire Diameter (mm)	Zinc Coating(g/m²)	Method	Pb Content	Applications
GI	0.20 ~ 0.80	15 ↑	Hot dip galvanizing	300 ~ 500ppm (RoHS free)	braiding, netting, tie wire
XGI	0.20 ~ 0.40	30 ↑	Hot dip galvanizing	ND	braiding, netting, tie wire
QGI	0.20 ~ 0.80	15 ↑	Hot dip galvanizing	300 ~ 500ppm or None	braiding, netting, tie wire

※GI (Galvanized iron wire)

TEST REPORT	
Test conducted	
1. RoHS wet chemical analysis	
(A) Test result summary:	
Testing item	Result (mg/kg)
1. Cadmium (Cd) Content (mg/kg)	ND
2. Lead (Pb) Content (mg/kg)	ND
3. Mercury (Hg) Content (mg/kg)	ND
4. Chromium VI (Cr6+) Content (µg/cm²) (for metal)	Negative
mg/kg = milligram per kilogram based on weight of sample = ppm	
µg/cm²=Microgram per square centimeter	
mg/kg with 50cm² = milligram per kilogram with 50 square centimeter.	
< = less than	
ND = not detected	

R&D

01
Microscope

02
Tensile strength testing

03
Torsion testing

04
Optical micrometer

05
Salt water spray testing

CERTIFICATES