

Distribution Solutions
WireSolutions



ArcelorMittal

Beyond subsea and coast

Galvanised wire for cable armouring



From the world leader in steel and wire solutions

WireSolutions, a subsidiary of ArcelorMittal, is one of the world's largest wire drawers and offers a diversified portfolio of low and high carbon wires, strands, ropes and corrosion-resistant solutions. Automotive, construction, energy and agriculture are all important segments for us.

Staying close with our customers and partners, we are constantly looking to develop new innovative solutions with the ArcelorMittal Research Centres. Today WireSolutions is recognised worldwide for the quality of its corrosion-resistant product range.

Beyond subsea and coast...

Our galvanised round steel wire for cable armouring offers perfect corrosion protection to EN 10244-2, EN 10257-1/2, ICEA 93-639 or according to customer specification. We guarantee full traceability of each production step from wire rod handling to galvanisation.

Applications

Subsea/Offshore cable

- ▶ According to EN 10257-2 or customer specification
- ▶ Diameters from 1.60 to 8.00 mm
- ▶ Grade 34 to 145 available
- ▶ Technical support on site to optimise your project solution

Land cable

- ▶ According to EN 10257-1 or customer specification
- ▶ Diameters from 0.90 to 3.15 mm
- ▶ Reduced diameters for better wire length/weight ratio
- ▶ Technical support on site to optimise your project solution

Other applications

- ▶ Our galvanised wire is used for ROV cables, power and telecom cables, interconnectors and underground.

Coating

Zinc or Zinc/Aluminium

- ▶ In line waxing
- ▶ Classes A-AB-B-C-D
- ▶ Higher coating weight for higher corrosion resistance:
490 g/m² min. for Zn
350 g/m² min. for ZnAl





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...galvanised wire for cable armouring

Packaging

Specifications

- ▶ Each unit is secured with at least 4 steel straps
- ▶ We can supply on request: formers, on pallets, cardboard centres, shrink wrapped, cardboard sleeve for handling protection

Standard coils

Wire Ø (mm)	Inside Ø (mm)	Outside Ø (mm)	Weight (kg)	Height (mm)
0.80-1.60	±350	±570	±430	±700
0.80-2.00	±450	±750	±800	±800
2.50-3.15	±450	±750	±900	±800
2.50-8.00	±450	±850	±1000	±800
4.00-8.00	±500	±960	±1600	±1100
5.00-8.00	±850	±1280	±2000	±1000



Spools

Spool type	Inside Ø (mm)	Weight (kg)	Height (mm)
Z	550	1000-1500	550
Z2	350	400-500	280
Z3	500	800-1500	360 or 570



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Traceability is our guarantee of quality

- ✓ Fully conforming product
- ✓ Traceability throughout the total production process
- ✓ ISO certified production for optimised process control
- ✓ Wide range of low and high carbon grades
- ✓ Several packaging solutions
- ✓ Integrated IT-system for logistic service

Traceability

- ▶ Full traceability of each batch from wire rod to galvanisation thanks to integration in the ArcelorMittal supply chain
- ▶ Data is recorded in an integrated system for at least 10 years
- ▶ Optimised process control according to ISO 9001

Labels

- ▶ Each unit is identified with an ID number for full traceability
- ▶ Weather proof quality labels

Test certificate

- ▶ Inspection documents according to EN 10204

Stocks

- ▶ Safety stock for standard specification (EN 10257-1/2)
- ▶ Consignment stock agreement

Logistics

- ▶ Safety first regulations
- ▶ Load secured for stability during transport
- ▶ Delivery follow-up by integrated system for exact ETA service
- ▶ Ethic code is respected

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Company certified ISO 9001, ISO 14001 and OHSAS 18001