

High Conductive Zinc- Aluminium Coating

Round Steel Wire (R Wire)

The Corrosion resistant armouring wires are used in special-purpose armouring of cables to provide impact and crush resistance, which find application in the energy, telecommunication, Instrumentation, traffic signal, Underwater, Data, Low Current, Low Voltage and Medium Voltage sector.

Product Standard	
Raw Material Standard	EN 10016-3
Steel Quality	SAE 1006 (low carbon produced from iron ore)
Coating Standard	BS EN 10244-2, BS EN 5467
Coating Type	Hot Dip Galvanizing
Wire Dimensional standard	EN 10218-2 T1

* Requested in accordance with the standards and specifications can be produced.

Nominal Diameter mm.	Dia. Tolerance mm		Min. Mass of Zn95-Al5 Coating g/m ²	Elongation after fracture % Min.	Tensile Strength N/mm ²	Resistance Ω/km Max.
	Min	Max				
0,90	0,85	0,95	112-145	7,5	340-500	216,92
1,25	1,18	1,32	150-180	10	340-500	112,45
1,60	1,51	1,69	172-195	10	340-500	68,64
2,00	1,90	2,10	180-215	10	340-500	43,93
2,50	2,37	2,63	195-245	10	340-500	28,11
3,15	2,99	3,31	206-255	10	340-500	17,71

* Different specifications and tolerances may be provided by agreement with customer.

* Based on an equivalent resistivity of $13,8 \times 10^{-8}$ ohm.m. For intermediate sizes, values of maximum resistance should be calculated using this value.

Packaging

COIL	Inside Dia. mm.	Outside Dia. mm.	Height mm.	Weight kg.
Small	350	560	650	300
Large	410	720	650	500

* Adjustable coil packs sizes available on request. (Half package, small or large coils etc.)

* All Coils are wound as rosette.

* The coil is wrapped with cardboard, and then the plastic strips around 4 different points by the addition of 4 lifting rings are connected.

SPOOL	Outside Dia. mm.	Inside Dia. mm.	External Width mm.	Internal Width mm.	Hole Dia. mm.	Weight Kg.
IL-58	580	280	440	360	83	250-350

* Upon request, Round galvanized wires are transferred from coils to wooden spools.



İLKE Çelik Metal Sanayi ve Ticaret A.Ş.

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