

## High Conductive Galvanized Round 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.

<b>Product Standard</b>	EN 10257-1,2
<b>Raw Material Standard</b>	EN 10016-3
<b>Steel Quality</b>	SAE 1006 (low carbon produced from iron ore )
<b>Coating Standard</b>	BS EN 5467, BS 6724
<b>Coating Type</b>	Hot Dip Galvanizing
<b>Wire Dimensional standard</b>	EN 10218-2 T1

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

Nominal Diameter mm.	Dia. Tolerance* mm		Min. Mass of Zinc Coating gr/m <sup>2</sup>	Elongation after fracture % Min.	Tensile Strength N/mm <sup>2</sup>	Resistance** (Ω/km) Max.
	Min	Max				
0,90	0,85	0,95	112	7,5	340-500	216,92
1,25	1,18	1,32	150	10	340-500	112,45
1,60	1,51	1,69	172	10	340-500	68,64
2,00	1,90	2,10	180	10	340-500	43,93
2,50	2,37	2,63	195	10	340-500	28,11
3,15	2,99	3,31	206	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.
<b>Small</b>	350	560	650	300
<b>Large</b>	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.
<b>IL-58</b>	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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