

RAW MATERIAL SPECIFICATION FOR GALVANIZED STEEL WIRE

1	Material	Galvanized Steel Wire																	
2	Application	Armouring																	
3	Reference Standard	EN 10244-1, EN 10244-2, EN 10257-1																	
4	M Code	M05011	M05012	M05020	M05030	M05040	M05070	M05050	M05060	-									
5	Diameter (mm)	0.30	0.45	0.90	1.25	1.6	1.80	2.00	2.50	3.15									
6	Tolerance (mm)	+0 / -0.02	+0 / -0.02	+0 / -0.03	+0 / -0.04	+0 / -0.04	+0 / -0.02	+0 / -0.05	+0 / -0.06	+0 / -0.07									
7	Max. Resistance at 20°C (Ω/Km)	1952.30	867.69	216.92	112.45	68.61	55.48	43.93	28.11	17.71									
8	Min. Mass of Zinc Coating (g/m²)	45.00	85.00	155.00	180.00	195.00	205.00	215.00	245.00	255.00									
9	Dip Test	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.	Min.	½ Min.		
		--	--	--	1	1	1	1	1	2	--	2	--	2	--	2	1	3	--
10	Torsion (Min. number of turns)	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns	G.L. Turns			
		50	45	75	67	75	33	75	24	150	37	150	37	150	30	150	24	150	19
11	Tensile Strength	340 N/mm ² Min 500 N/mm ² Max																	
12	Elongation (%)	10 Min																	
13	Packing																		
a)	0.3 mm and 0.45 mm size	In spools of flange diameter 200 - 250 mm																	
b)	0.90, 1.25, 1.6, 1.78, 2.0, 2.5 & 3.15 mm sizes	In coils of ID 300 mm Min. OD 800 mm Max.																	
14	Approx. Nett Weight	Variable depending on the sizes to be convenient for handling																	
Note: G.L. - gauge length																			
Special Instructions																			
Supplier Test Certificates are required with each consignment.																			