

# UTILEX ENGINEERING PVT. LTD.

## GUARANTEED TECHNICAL PARTICULARS FOR 7/14 SWG (7/2.00mm) G.I. GUARD / EARTH WIRE

SI No	PARTICULARS	SPECIFICATION
01	Manufacturers Name	
	a) STEEL WIRE/ROD	TISCO, OR SAIL INDIA
	b) ZINC	HINDUSTAN ZINC LTD
	c) Wire Stranding/Galvanising	Utilex
02	Single Wire before stranding	
	a) Diameter in mm	2.00 mm
	b) Tolerance in diameter in mm	+/- 0.06mm
	c) Minimum breaking load in kN	2.2
	d) Zinc coating	215 G/M <sup>2</sup>
	e) Dip Test	2 x 1 Minute
	f) Wrapping Test	Own diameter, R/D
03	G.I. Wire	
	a) Tensile Strength	700 N/mm <sup>2</sup>
	b) Lay Length	12 to 18 times
	Minimum	72 mm
	Maximum	108 mm
	c) Overall Diameter	6.00 mm
	d) Break Load	15.4kN
	e) Elongation	8.0%
	f) Weight of Zinc Coating	205 G/M <sup>2</sup>
	g) Dip Test	1 x 1 minute 1 x ½ Minute
	h) Coil Weight	500 kgs
	i) Sectional Area	3.14 mm <sup>2</sup>
04	Chemical Composition	% C = 0.72 % Mn = 0.69
05	Standard According to which the GI Wire manufactured and Tested	BS 183 and BS 443
06	Packing	100 kgs Coils or 500 kgs in Wooden Drums Or as per buyer instruction