

UTILEX ENGINEERING PVT. LTD.

GUARANTEED TECHNICAL PARTICULARS FOR 7/10 SWG (7/3.15 mm) G.I. Stay 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	3.15 mm (10 SWG)
	b) Tolerance in diameter in mm	Min 3.07mm and Max 3.23mm
	c) Minimum breaking load in kN	5.45
	d) Zinc coating	250 G/M ²
	e) Dip Test	3 x 1 Minute
	f) Wrapping Test	Wrapped for eight turn and one being Subsequently unwrapped for seven turns the wire shall not break or splitting.
03	G.I. Wire	
	a) Tensile Strength	700 N/mm ²
	b) Lay Length	12 to 18 times the strand diameter
	Lay Direction	Right hand
	c) Overall Diameter	9.450 mm
	d) Break Load	36.26kN
	e) Elongation	6.0%
	f) Weight of Zinc Coating	237.5 G/M ²
	g) Dip Test	2 x 1 minute 1 x ½ Minute
	h) Weight of wire	425 kgs / km
	i) Sectional Area	54.52 mm ²
04	Chemical Composition	S = 0.06 (max) P = 0.06 (Max)
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