



# BHARAT INDUSTRIES (Regd.)

Manufacturers of :- E.R.W. (H.F.) CONDUIT PIPES & STEEL TUBES-IS 9537 PT2

[G.T. Road, DINANAGAR-143531, District Gurdaspur (Punjab)]

Ref No: BI/2025-2026/TDS/MS

Dated: 01/04/2025

## TECHNICAL DATA SHEET

MS Black Enameled Rigid ERW Steel Conduit BI make (as per IS 9537 Part II, 1981)  
Manufactured at Bharat Industries (Regd.), G.T. Road, Dinanagar-143531, Punjab:

Description	20mm MS Rigid	25mm MS Rigid	32mm MS Rigid	40mm MS Rigid	50mm MS Rigid
A) Make	BI (A BIS Source CM/L 9256181)				
B) Type	Heavy duty Suitable for Medium Mechanical Stresses, Medium Protection				
C) Size in mm	20 Nominal	25 Nominal	32 Nominal	40 Nominal	50 Nominal
D) Material of Coating					
i) Inside Surface	Black Stove Enameled				
ii) Outside Surface	Black Stove Enameled				
E) Standard Length of Conduit:	3 or 3.048 Meter				
F) Wall Thickness	1.40mm to 1.80mm			1.60mm to 2.20 mm	
G) Outer Diameter	20MM	25MM	32MM	40MM	50MM
Tolerance in OD	(-0.3 MM)	(-0.4 MM)	(-0.4 MM)	(-0.4 MM)	(-0.5 MM)
H) Thread Length	13-16mm	17-20mm			20-23mm
I) Coupling	Provided at one end				
J) Packing	Covered in polythene and packed with Hessian Cloth				



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Ref No: BI/2025-26/Datasheet/GI

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## **TECHNICAL DATA SHEET: GI RIGID CONDUIT**

Hot dip Galvanized Rigid ERW Steel Conduit BI make (as per IS 9537 Part II, 1981)  
Manufactured at Bharat Industries (Regd.), G.T. Road, Dinanagar-143531, Punjab:

Description	20mm Rigid	25mm Rigid	32mm Rigid	40mm Rigid	50mm Rigid
A) Make	BI (A BIS Source): CM/L 9256181				
B) Type	Heavy duty: Suitable for Medium Mechanical Stresses with High Protection				
C) Size in mm (OD)	20 Nominal	25 Nominal	32 Nominal	40 Nominal	50 Nominal
D) Tolerance in OD	(-0.30 MM)	(-0.40 MM)	(-0.40 MM)	(-0.40 MM)	(-0.50 MM)
E) Material of Coating (High Protection as per IS 9537: equivalent to Class 4)					
i) Inside Surface:	Zinc Hot dip Galvanized				
ii) Outside Surface:	Zinc Hot dip Galvanized				
F) Wall Thickness	1.40mm-1.80mm			1.60mm-2.20mm	
G) Thread Length	13-16mm	17-20mm			20-23mm
H) Standard Length of Conduit:	3 Meters				
I) Uniformity of Galvanizing:	The Zinc coating shall be uniform.				
J) Packing	Covered in polythene and packed with Hessian Cloth				