

# GUPTA BROTHERS CONDUIT PIPE MFG. CO. PVT. LTD.

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## DATA SHEET FOR MS BLACK CONDUIT PIPE

1	Manufacturer	Gupta Brothers Conduit Pipe Mfg. Co. Pvt. Ltd.
2	Make	G.B Conduit
3	Standard for Conduit	IS : 9537 (Pt. II) 1981
4	Standard Length of Conduit	3Mtrs To 4Mtrs
5	Type of Protection	LMS & Medium Protection
6	Marking Test (Cl.No.6)	Marking according to 6.1 to 6.3 shall be checked by inspection & rubbing as described in 6.4. Marking shall be durable and legible.
7	Wall Thickness	20mm = 1.4mm to 1.8mm 25mm = 1.4mm to 1.8mm 32mm = 1.4mm to 1.8mm 40mm = 1.6mm to 2.2mm 50mm = 1.6mm to 2.2mm
8	Outer Dia of Conduits	20mm Min = 19.70mm Max = 20.04mm 25mm Min = 24.60mm Max = 25.04mm 32mm Min = 31.60mm Max = 32.04mm 40mm Min = 39.60mm Max = 40.04mm 50mm Min = 49.50mm Max = 50.04mm
8	Length of Screw Thread	20mm = 15±1mm 25mm = 19±1mm 32mm = 19±1mm 40mm = 19±1mm 50mm = 22±1mm
9	Construction Test (Cl.No.8)	The inside and outside surface of the conduit shall be reasonably smooth & free from burr, flash and similar defects.
10	Bending Test (Cl.No.9.2) Applicable only for 20 & 25mm	Neither the basic material nor the protective coating of the conduit shall show any cracks when cold bent at 90deg. at a mandrel of 6 times of outside diameter of the conduit. After the bending test, it shall be possible to pass the gauge of 13mm for 20mm and 16mm for 25mm through the bent conduit.
11	Compression Test (Cl.No.9.3)	After removal the compression force of 320N the difference between the initial dia and the flattened dia shall not exceed by 10%.
12	Resistance to External influence	As per Test mentioned in Cl. 13 of IS : 9537 (Pt. II) 1981