

RIGID ELECTRICAL CONDUIT

AMIAANTIT OMAN HIGH IMPACT UPVC CONDUITS ARE MANUFACTURED ON MODERN EXTRUDERS FROM MATERIAL SPECIALLY FORMULATED FOR SEVERE MIDDLE EAST CONDITIONS.

AMIAANTIT OMAN CONDUITS MEET REQUIREMENTS OF:

1. OMAN STANDARD : 109/1986
2. GULF STANDARD : 33/1984
3. BRITISH STANDARD : 6099/1982 & 4607
4. COMMERCIAL GRADE

A. PLASTIC CONDUITS FOR ELECTRICAL INSTALLATIONS (OMAN STANDARD 109 AND GULF STANDARD 33)

Nominal Size of conduit mm	Outside Diameter		Minimum I.D. mm
	mm Dimension	I.D. mm Tolerance	
16	16	{ +0.0	13.0
20	20	{ -0.3	16.9
25	25	{ +0.0	21.4
32	32	{ -0.4	27.8

Manufacturing Length : 3 metres
 Colour : Black
 Standard Packs : 100 Pcs 9

B. CONDUITS FOR ELECTRICAL INSTALLATIONS BS 6099

Size mm	Minimum Inside Dia mm		
	Light	Medium	Heavy
16	13.7	13.0	12.2
20	17.4	16.9	15.8
25	22.1	21.4	20.6
32	28.6	27.8	26.6
40	35.8	35.4	34.4
50	45.1	44.3	43.2
63	57.0	-	-

Manufacturing Length : 3 metres
 Colour : Black
 Standard Packs : 100 Pcs. upto 32 mm

TECHNICAL DATA:

MATERIAL : Unplasticized Suspension Poly Vinyl Chloride with Additives.
 THERMAL EXPANSION : 0.08 mm / m / °c
 SOFTENING POINT : 76-82°C Min
 MOISTURE ABSORPTION : Negligible
 ELECTRICAL RESISTIVITY : Generally exceeding 1×10^{15} ohm/cm. at 23°C.
 BREAK DOWN VOLTAGE : 2000 volts/mm (on 10mm thickness)
 FLAMMABILITY : Self extinguishable