

DATA SHEET

RIGID uPVC ROUND CONDUIT

Make : **VIP**
Product : Rigid PVC Round Conduit
Specification : IS: 9537 Part -3 1983
Dimension : 19 mm to 50 mm

Dimensions of Round Conduits IS: 9537 Part 3 - 1983

Nominal Size	Outside Diameter	Tolerance on OD	Inside Diameter (Min) in mm		
			Light	Medium	Heavy
mm	mm	mm			
16	16	-0.3	13.7	13.0	12.2
19 (Non Std)	19	-0.3	16.4	15.9	14.8
20	20	-0.3	17.4	16.9	15.8
25	25	-0.4	22.1	21.4	20.6
32	32	-0.4	28.6	27.8	26.6
40	40	-0.4	35.8	35.4	34.4
50	50	-0.5	45.1	44.3	43.2

Wall Thickness in mm

Size	Light	Medium	Heavy
16	1.00 – 1.15	1.35 – 1.50	1.75 – 1.90
19	1.15 – 1.30	1.40 – 1.55	1.90 – 2.10
20	1.15 – 1.30	1.40 – 1.55	1.90 – 2.10
25	1.25 – 1.45	1.60 – 1.80	1.90 – 2.10
32	1.50 – 1.70	1.90 – 2.10	2.50 – 2.70
40	1.90 – 2.10	2.10 – 2.30	2.60 – 2.80
50	2.10 – 2.30	2.60 – 2.85	3.15 – 3.40



L-1 to L-4 & R-2 to R-4, Site No.15, (335/25/14)
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GST # **29 AAJFN 4830 G1Z4**

MATERIAL DATA

RIGID uPVC ROUND CONDUIT

01. Material : High Impact Polyvinylchloride, Unplasticized
02. Impact Resistance : High Impact Resistance
03. Tensile Strength : 450/565Kg/cm²
04. Chemical Resistance : Unaffected by Inorganic acid, Alkalis & Salt, Crude & Petrochemicals
05. Coefficient of linear Expansion : 7x10/mm/°C
06. Flammability : Fire Retardant. Self-Extinguishing
07. Vicat Softening Point : 80° C at 5 Kg load / 50 N
08. Oxygen Index : <21%
09. Electric Strength : No breakdown at 2 KV
10. Insulation Strength : > 100MΩ
11. Operative Temperature : - 5° C + 60° C
12. Length : 3 mtrs

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