



VIVEK EARTHING PVT. LTD.

Expert Advice & Reliable Solutions.

Copper Strip Datasheet

Product Description:

Our copper strips are designed for earthing and bonding applications to ensure a safe and efficient electrical grounding system. These strips are manufactured with high-quality copper, ensuring excellent conductivity, corrosion resistance, and durability.

Specification:

Sizes (mm)	Width (mm)	Thickness (mm)	Weight (kg/mtr)
12 x 3	12	3	0.380
12 x 5	12	5	0.570
12 x 6	12	6	0.761
19 x 3	19	3	0.570
19 x 5	19	5	0.856
19 x 6	19	6	1.144
25 x 3	25	3	0.761
25 x 5	25	5	1.140
25 x 6	25	6	1.522
25 x 10	25	10	2.263
25 x 12	25	12	3.044
32 x 3	32	3	0.952
32 x 5	32	5	1.427
32 x 6	32	6	1.903
32 x 10	32	10	2.854
38 x 3	38	3	1.141
38 x 5	38	5	1.712
38 x 6	38	6	2.283
38 x 10	38	10	3.425
38 x 12	38	12	4.567
38 x 16	38	16	5.708
50 x 3	50	3	1.522
50 x 5	50	5	2.262
50 x 6	50	6	3.044
50 x 10	50	10	4.527
50 x 12	50	12	6.089
50 x 16	50	16	7.611
62 x 6	62	6	3.805

62 x 10	62	10	5.708
62 x 12	62	12	7.611
62 x 16	62	16	9.515
75 x 6	75	6	4.567
75 x 10	75	10	6.850
75 x 12	75	12	9.134
75 x 16	75	16	11.417
100 x 6	100	6	6.089
100 x 10	100	10	9.055
100 x 12	100	12	12.179
100 x 16	100	16	15.223
125 x 6	125	6	7.610
125 x 10	125	10	11.414
125 x 12	125	12	15.219
150 x 6	150	6	9.131
150 x 10	150	10	13.697
150 x 12	150	12	18.263
150 x 16	150	16	22.833

Technical Specifications:

Parameter	Details
Material	Copper (99% purity)
Standard	ASTM B152, IS 613, BS 2874
Shape	Flat Strip
Length	Available in coils or custom lengths
Electrical Conductivity	≥ 100% IACS (International Annealed Copper Standard)
Thermal Conductivity	~ 390 W/m·K
Tensile Strength	200 - 250 MPa
Elongation	≥ 35%
Density	8.96 g/cm ³

Key Features:

- **Excellent Conductivity:** Ensures efficient earthing with minimal resistance.
- **Corrosion Resistance:** Long-lasting performance in harsh environments.
- **Customizable Dimensions:** Tailored to suit specific project requirements.
- **Durable and Reliable:** High tensile strength for structural integrity.



Applications:

- Electrical earthing in substations, power plants, and residential systems.
- Grounding for lightning protection systems.
- Earthing for industrial and commercial installations.
- Used in military and telecom grounding systems.

Safety Instructions:

- Ensure proper installation as per local and international standards.
- Use appropriate tools and personal protective equipment (PPE) during installation.

Vivek Earthing Pvt. Ltd. An ISO 9001 - 2015 Certified Company

This datasheet provides detailed information about **Copper Strip** in various sizes, ensuring all relevant technical and application-specific details are covered for users and installers.