



RAJASTHAN METALS PVT.LTD.

TRUST & QUALITY ALWAYS....

ABOUT US

RAJASTHAN METALS PVT.LTD.

Trusted Copper Trading Experience Since **1962**

Rajasthan Metals is a trusted copper trading and supply company in India, with industry experience dating back to 1962. Over the decades, we have built strong relationships with leading copper manufacturers to source and supply high-quality copper pipes, tubes, and metal products.

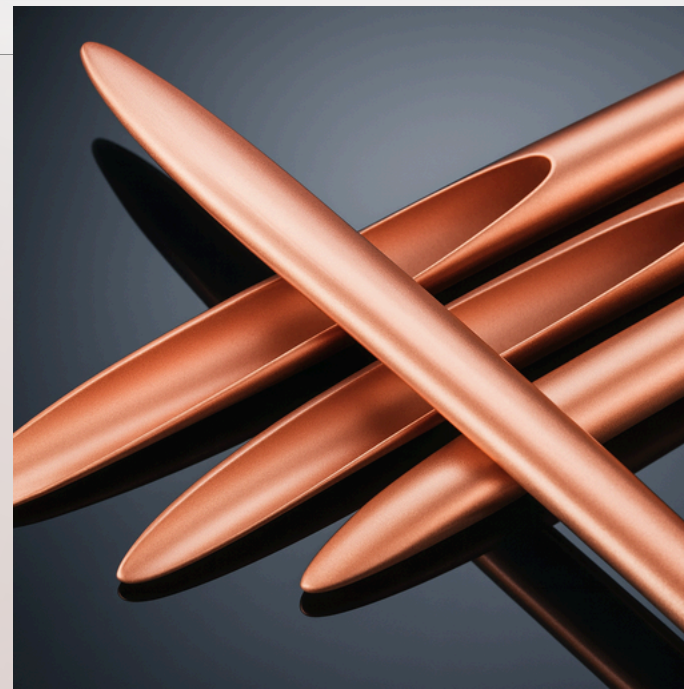
Our long-standing market presence allows us to understand customer requirements and industry standards across plumbing, HVAC, electrical, and industrial sectors. With a focus on quality assurance, competitive pricing, and reliable delivery, Rajasthan Metals continues to serve clients across India with consistency and trust.



CATEGORY



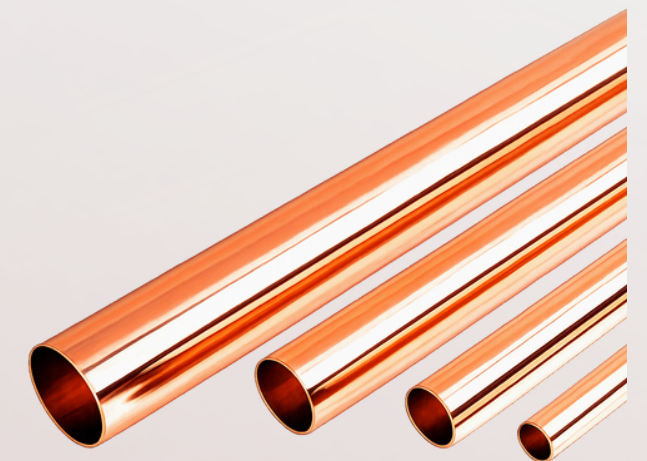
LWC



IGT



PCC



HARD PIPES

BRANDS



RR SHRAMIK

1. **VRV**
2. **NON VRV**
3. **MEDICAL PIPE**
4. **PVC**
5. **LWC**
6. **STRAIGHT COPPER TUBES**



TOTALINE

1. **VRV**
2. **NON VRV**



HAILIANG

1. **LWC**
2. **IGT**
3. **PCC**
4. **STRAIGHT COPPER TUBES**



GINTIAN

1. **LWC**
2. **PCC**
3. **IGT**
4. **STRAIGHT COPPER TUBES**





LWC



| OD (in Inches) | Outer Diameter (mm) | Thickness (mm) | Weight (grams/m) | Working Pressure (psi) | Burst Pressure (psi) |
|----------------|---------------------|----------------|------------------|------------------------|----------------------|
| (3/16") | 4.76 | 0.40 | 43 | 2,353 | 7,059 |
| | 4.76 | 0.45 | 47.8 | 2,647 | 7,941 |
| | 4.76 | 0.50 | 52.5 | 2,941 | 8,824 |
| | 4.76 | 0.60 | 61.6 | 3,529 | 10,588 |
| | 4.76 | 0.70 | 70.1 | 4,118 | 12,353 |
| | 4.76 | 0.80 | 78.1 | 4,706 | 14,118 |
| | 4.76 | 0.90 | 85.7 | 5,294 | 15,882 |
| (5mm) | 5.00 | 0.28 | 32.6 | 1,568 | 4,704 |
| | 5.00 | 0.41 | 46.4 | 2,296 | 6,888 |
| | 5.00 | 0.50 | 55.5 | 2,800 | 8,400 |
| | 5.00 | 0.60 | 65.1 | 3,360 | 10,080 |
| (6mm) | 6.00 | 0.50 | 67.8 | 2,333 | 7,000 |
| | 6.00 | 0.60 | 79.9 | 2,800 | 8,400 |
| | 6.00 | 0.70 | 91.5 | 3,267 | 9,800 |
| (1/4") | 6.35 | 0.30 | 44.8 | 1,323 | 3,969 |
| | 6.35 | 0.35 | 51.8 | 1,543 | 4,630 |
| | 6.35 | 0.40 | 58.7 | 1,764 | 5,291 |
| | 6.35 | 0.41 | 60.1 | 1,808 | 5,424 |
| | 6.35 | 0.45 | 65.5 | 1,984 | 5,953 |
| | 6.35 | 0.50 | 72.1 | 2,205 | 6,614 |
| | 6.35 | 0.58 | 82.5 | 2,557 | 7,672 |
| | 6.35 | 0.60 | 85.1 | 2,646 | 7,937 |
| | 6.35 | 0.65 | 91.4 | 2,866 | 8,598 |
| | 6.35 | 0.67 | 93.9 | 2,954 | 8,863 |
| | 6.35 | 0.68 | 95.1 | 2,998 | 8,995 |
| | 6.35 | 0.70 | 97.5 | 3,087 | 9,260 |
| | 6.35 | 0.80 | 109.5 | 3,528 | 10,583 |
| | 6.35 | 0.90 | 120.9 | 3,969 | 11,906 |

LWC



| OD (in Inches) | Outer Diameter (mm) | Thickness (mm) | Weight (grams/m) | Working Pressure (psi) | Burst Pressure (psi) |
|----------------|---------------------|----------------|------------------|------------------------|----------------------|
| (7 mm) | 7.00 | 0.23 | 38.4 | 920 | 2,760 |
| | 7.00 | 0.41 | 66.6 | 1,640 | 4,920 |
| | 7.00 | 0.50 | 80.1 | 2,000 | 6,000 |
| | 7.00 | 0.60 | 94.7 | 2,400 | 7,200 |
| | 7.00 | 0.68 | 106.1 | 2,720 | 8,160 |
| | 7.00 | 0.70 | 108.9 | 2,800 | 8,400 |
| | 7.00 | 0.80 | 122.3 | 3,200 | 9,600 |
| | 7.00 | 0.90 | 135.4 | 3,600 | 10,800 |
| (5/16") | 7.94 | 0.28 | 52.9 | 987 | 2,962 |
| | 7.94 | 0.30 | 56.5 | 1,058 | 3,174 |
| | 7.94 | 0.35 | 65.5 | 1,234 | 3,703 |
| | 7.94 | 0.50 | 91.7 | 1,763 | 5,289 |
| | 7.94 | 0.60 | 108.6 | 2,116 | 6,348 |
| | 7.94 | 0.61 | 110.3 | 2,151 | 6,453 |
| | 7.94 | 0.65 | 116.8 | 2,292 | 6,877 |
| | 7.94 | 0.70 | 125 | 2,469 | 7,406 |
| | 7.94 | 0.71 | 126.6 | 2,504 | 7,511 |
| | 7.94 | 0.80 | 140.9 | 2,821 | 8,463 |
| | 7.94 | 0.90 | 156.3 | 3,174 | 9,521 |
| 9mm | 9.00 | 0.60 | 124.3 | 1,867 | 5,600 |
| | 9.00 | 0.70 | 143.3 | 2,178 | 6,533 |
| (3/8") | 9.52 | 0.27 | 61.7 | 794 | 2,382 |
| | 9.52 | 0.28 | 63.8 | 824 | 2,471 |
| | 9.52 | 0.30 | 68.2 | 882 | 2,647 |
| | 9.52 | 0.35 | 79.2 | 1,029 | 3,088 |
| | 9.52 | 0.40 | 90 | 1,176 | 3,529 |
| | 9.52 | 0.41 | 92.1 | 1,206 | 3,618 |
| | 9.52 | 0.50 | 111.2 | 1,471 | 4,412 |
| | 9.52 | 0.58 | 127.9 | 1,706 | 5,118 |
| | 9.52 | 0.60 | 132 | 1,765 | 5,294 |
| | 9.52 | 0.70 | 152.3 | 2,059 | 6,176 |
| | 9.52 | 0.71 | 154.3 | 2,088 | 6,265 |
| | 9.52 | 0.80 | 172 | 2,353 | 7,059 |
| | 9.52 | 0.90 | 191.4 | 2,647 | 7,941 |





LWC



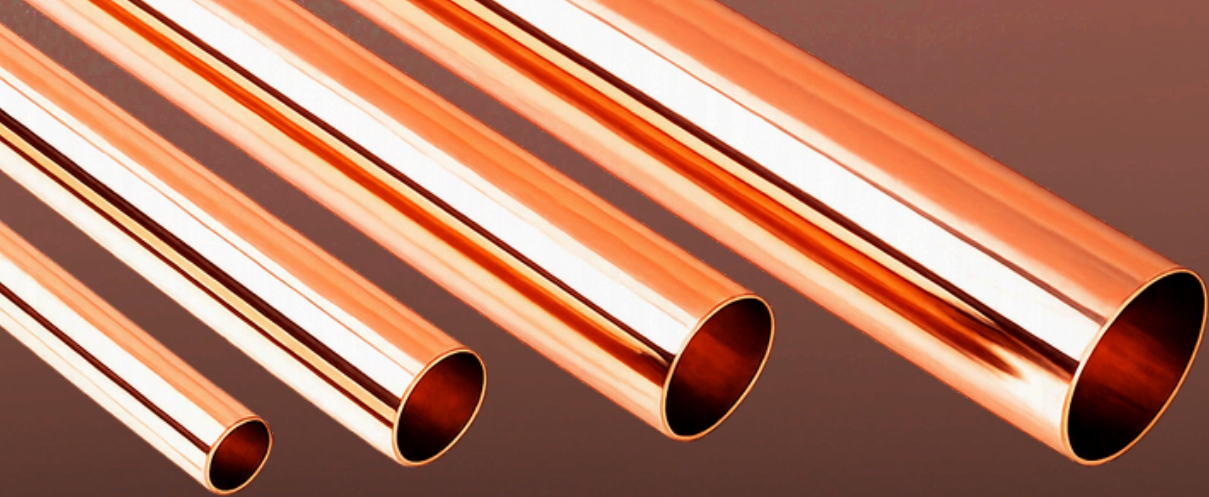
| OD (in Inches) | Outer Diameter (mm) | Thickness (mm) | Weight (grams/m) | Working Pressure (psi) | Burst Pressure (psi) |
|----------------|---------------------|----------------|------------------|------------------------|----------------------|
| 12mm | 12.00 | 0.60 | 168.7 | 1,400 | 4,200 |
| | 12.00 | 0.70 | 195.1 | 1,633 | 4,900 |
| | 12.00 | 0.80 | 221 | 1,867 | 5,600 |
| 1/2" | 12.70 | 0.32 | 97.7 | 706 | 2,117 |
| | 12.70 | 0.35 | 106.6 | 772 | 2,315 |
| | 12.70 | 0.36 | 109.5 | 794 | 2,381 |
| | 12.70 | 0.37 | 112.5 | 816 | 2,447 |
| | 12.70 | 0.41 | 124.3 | 904 | 2,712 |
| | 12.70 | 0.50 | 150.4 | 1,102 | 3,307 |
| | 12.70 | 0.56 | 167.7 | 1,235 | 3,704 |
| | 12.70 | 0.58 | 173.4 | 1,279 | 3,836 |
| | 12.70 | 0.60 | 179 | 1,323 | 3,969 |
| | 12.70 | 0.65 | 193.2 | 1,433 | 4,299 |
| | 12.70 | 0.68 | 201.6 | 1,499 | 4,498 |
| | 12.70 | 0.70 | 207.2 | 1,543 | 4,630 |
| | 12.70 | 0.78 | 229.4 | 1,720 | 5,159 |
| | 12.70 | 0.80 | 234.8 | 1,764 | 5,291 |
| | 12.70 | 0.90 | 261.9 | 1,984 | 5,953 |
| 5/8" | 15.88 | 0.35 | 134.1 | 617 | 1,851 |
| | 15.88 | 0.41 | 156.4 | 723 | 2,169 |
| | 15.88 | 0.50 | 189.6 | 882 | 2,645 |
| | 15.88 | 0.60 | 225.9 | 1,058 | 3,174 |
| | 15.88 | 0.64 | 240.3 | 1,128 | 3,385 |
| | 15.88 | 0.65 | 243.9 | 1,146 | 3,438 |
| | 15.88 | 0.70 | 261.9 | 1,234 | 3,703 |
| | 15.88 | 0.80 | 297.5 | 1,411 | 4,232 |
| | 15.88 | 0.90 | 332.4 | 1,587 | 4,761 |
| 3/4" | 19.05 | 0.88 | 394.3 | 1,293 | 3,880 |
| | 19.05 | 0.90 | 402.7 | 1,323 | 3,969 |
| | | | | | |



IGT

Heat Transfer Coefficient Of 1.8-2.0
99.96% Pure Copper
Ready Stocks

| INNER GROOVED SIZES | | |
|---------------------|--------------------|---------------|
| Outer Dia | Specification (mm) | Weight/ metre |
| 5 mm | 5.00*0.22+0.13 | 33 |
| 7 mm | 07.00*0.22+0.10 | 46.5 gm |
| 7 mm | 07.00*0.23+0.10 | 47.5 gm |
| 7 mm | 07.00*0.25+0.10 | 52 gm |
| 3/8" | 09.52*0.25+0.10 | 75 gm |
| 3/8" | 09.52*0.27+0.12 | 75 gm |
| 3/8" | 09.52*0.28+0.15 | 83 gm |
| 3/8" | 09.52*0.28+0.20 | 85 gm |
| 3/8" | 09.52*0.30+0.20 | 90 gm |



HARD TUBES



| WEIGHT OF 10 FEET LENGTH STRAIGHT HARD TUBES | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Thickness → | 1.60 mm | 1.40 mm | 1.20 mm | 1.00 mm | 0.90 mm | 0.80 mm | 0.70 mm | 0.60 mm |
| Outer Dia ↓ / Gauge → | | | | | | | | |
| 3/8" (9.52mm) | 1.09 | 0.97 | 0.86 | 0.73 | 0.66 | 0.60 | 0.53 | 0.46 |
| 1/2" (12.7mm) | 1.52 | 1.36 | 1.18 | 1.00 | 0.91 | 0.82 | 0.72 | 0.62 |
| 5/8" (15.88mm) | 1.96 | 1.74 | 1.51 | 1.28 | 1.16 | 1.03 | 0.91 | 0.79 |
| 6/8" (19.05mm) | 2.39 | 2.12 | 1.84 | 1.55 | 1.40 | 1.25 | 1.10 | |
| 7/8" (22.22mm) | 2.83 | 2.50 | 2.16 | 1.82 | 1.64 | 1.47 | 1.29 | |
| 1" (25mm) | 3.21 | 2.83 | 2.45 | 2.06 | 1.86 | 1.66 | 1.46 | |
| 1.1/8" (28.125mm) | 3.64 | 3.21 | 2.77 | 2.32 | 2.10 | 1.87 | 1.65 | |
| 1.1/4" (31.25mm) | 4.07 | 3.58 | 3.09 | 2.59 | 2.34 | 2.09 | | |
| 1.3/8" (34.375mm) | 4.49 | 3.96 | 3.41 | 2.86 | | | | |
| 1.5/8" (41.875mm) | 5.52 | 4.86 | 4.18 | 3.50 | | | | |



| WEIGHT OF 10 FEET LENGTH STRAIGHT HARD TUBES | | | | | | | | |
|--|---------|---------|---------|---------|---------|---------|---------|---------|
| Thickness → | 1.60 mm | 1.40 mm | 1.20 mm | 1.00 mm | 0.90 mm | 0.80 mm | 0.70 mm | 0.60 mm |
| Outer Dia ↓ / Gauge → | 16g | 17g | 18g | 19g | 20g | 21g | 22g | 23g |
| 1.3/4" (43.75mm) | 5.78 | 5.08 | 4.38 | | | | | |
| 2" (50mm) | 6.64 | 5.83 | 5.02 | | | | | |
| 2.1/8" (53.125mm) | 7.07 | 6.21 | 5.34 | | | | | |
| 2.5/8" | 8.92 | 7.83 | 6.73 | | | | | |
| 2.1/2" (62.5mm) | 8.35 | 7.33 | 6.30 | | | | | |
| 2.3/4" (68.75mm) | 9.21 | 8.08 | 6.95 | | | | | |
| 3" (75mm) | 10.07 | 8.83 | 7.59 | | | | | |
| 3.1/8" (78.125mm) | 10.49 | 9.21 | 7.91 | | | | | |
| 3.5/8" | 12.41 | 10.88 | 9.35 | | | | | |
| 3.1/2" (87.5mm) | 11.78 | 10.33 | 8.88 | | | | | |
| 4" (100mm) | 13.49 | 11.83 | 10.16 | | | | | |
| 4.1/2" (112.5mm) | 15.21 | 13.33 | 11.45 | | | | | |

VRV



VRV/VRF GRADE COPPER TUBES SIZE LIST

| Variant | OD (Inch) | Specification | Per 50 ft Coil | Weight Per Meter(kg) |
|-----------|-----------|---------------|----------------|----------------------|
| Soft- VRV | 1/2" | 12.70*0.80 mm | 4.08 | 0.27 |
| Soft- VRV | 1/4" | 6.35*0.80 mm | 1.90 | 0.12 |
| Soft- VRV | 3/8" | 9.52*0.80 mm | 2.99 | 0.20 |
| Soft- VRV | 5/8" | 15.88*1.00 mm | 6.37 | 0.42 |
| Soft- VRV | 3/4" | 19.05*1.00 mm | 7.73 | 0.51 |
| Soft- VRV | 7/8" | 22.22*1.00 mm | 9.09 | 0.60 |

RR VRV/VRF GRADE COPPER TUBES SIZE LIST

| Variant | OD (Inch) | Specification | Per 10 ft Length | Weight Per Meter(kg) |
|-----------|-----------|---------------|------------------|----------------------|
| Hard- VRV | 1/2" | 12.70*0.90mm | 0.86 | 0.30 |
| Hard- VRV | 5/8" | 15.88*0.90mm | 1.16 | 0.38 |
| Hard- VRV | 3/4" | 19.05*0.80mm | 1.25 | 0.41 |
| Hard- VRV | 7/8" | 22.22*0.80mm | 1.47 | 0.48 |
| Hard- VRV | 1" | 25.00*0.90mm | 1.86 | 0.61 |
| Hard- VRV | 1.1/8" | 28.57*1.00mm | 2.36 | 0.77 |
| Hard- VRV | 1.1/4" | 31.75*1.10mm | 3.14 | 0.95 |
| Hard- VRV | 1.3/8" | 34.92*1.21mm | 3.50 | 1.15 |
| Hard- VRV | 1.1/2" | 38.10*1.32mm | 4.16 | 1.36 |
| Hard- VRV | 1.5/8" | 41.28* 1.43mm | 4.79 | 1.57 |
| Hard- VRV | 1.3/4" | 44.45* 1.60mm | 5.88 | 1.93 |

Weights are mentioned in approximations. Actual weight may vary slightly.



NON VRV

LIGHT WEIGHT PANCAKE COPPER COILS (50 ft)

| SIZE O.D | | Thk | Wt of Packed Coil (50Ft) KG | No of coils per Box | Weight per Box KG |
|----------|-------|------|-----------------------------|---------------------|-------------------|
| Inch | mm | mm | | | |
| 01/04" | 6.35 | 0.48 | 1.2 | 22 | 29.7 |
| 03/08" | 9.52 | 0.58 | 2.2 | 15 | 33 |
| 01/02" | 12.7 | 0.62 | 3.2 | 10 | 32 |
| 05/08" | 15.88 | 0.65 | 4.2 | 8 | 33.6 |

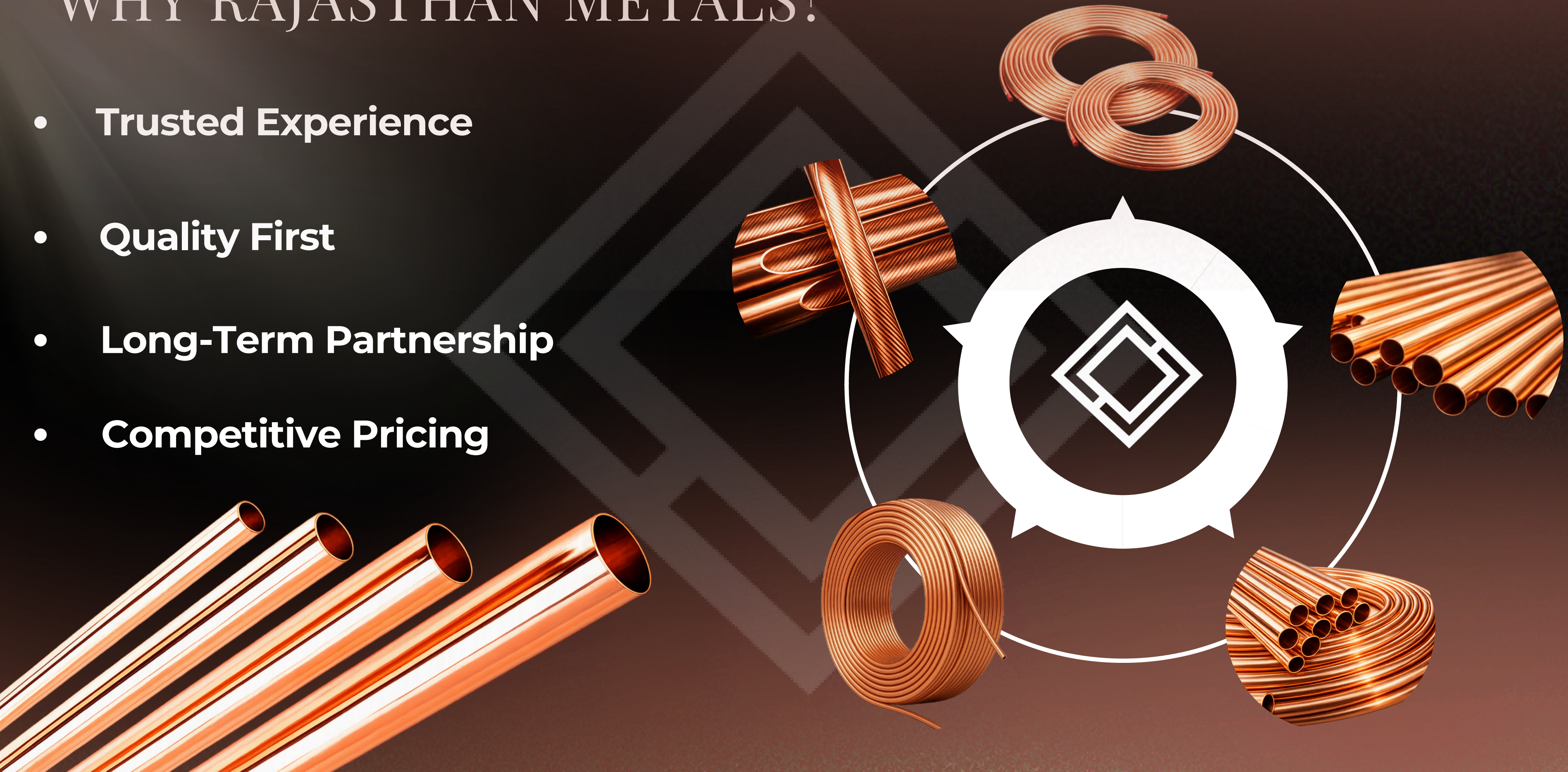


MEDIUM WEIGHT PANCAKE COILS (50 ft)

| SIZE O.D | | Thk | Wt of Packed Coil (50Ft) KG | No of coils per Box | Weight per Box KG |
|----------|-------|------|-----------------------------|---------------------|-------------------|
| Inch | mm | mm | | | |
| 03/16" | 4.76 | 0.5 | 0.9 | 22 | 19.8 |
| 01/04" | 6.35 | 0.61 | 1.5 | 22 | 33 |
| 05/16" | 7.94 | 0.57 | 1.8 | 15 | 27 |
| 03/08" | 9.52 | 0.66 | 2.5 | 15 | 37.5 |
| 01/02" | 12.7 | 0.68 | 3.5 | 10 | 35 |
| 05/08" | 15.88 | 0.69 | 4.5 | 8 | 36 |
| 03/04" | 19.05 | 0.74 | 5.8 | 6 | 34.8 |
| 07/08" | 22.22 | 0.9 | 8.2 | 4 | 32.8 |

WHY RAJASTHAN METALS?

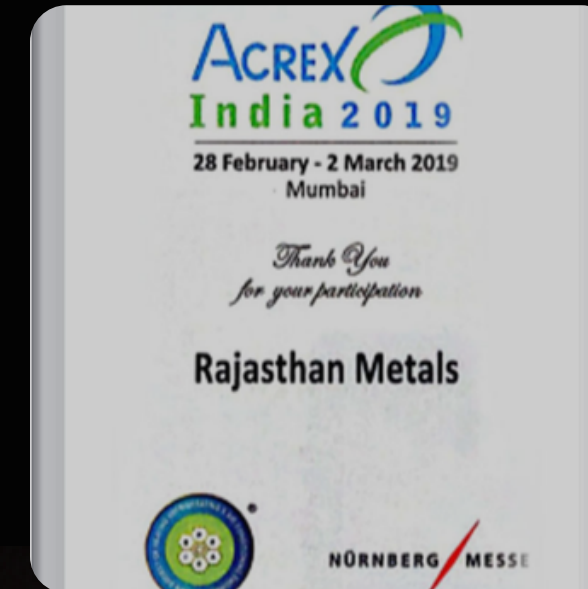
- **Trusted Experience**
- **Quality First**
- **Long-Term Partnership**
- **Competitive Pricing**



AWARDS & RECOGNITIONS



RAJASTHAN METALS PVT.LTD.





conclusion

Established in 1962, Rajasthan Metals is a trusted name in the metal industry, known for delivering premium-quality copper products with consistency and reliability. With decades of experience, we offer the best price assurance along with a large variety of copper solutions to meet diverse industrial requirements. Our commitment to superior quality, precise manufacturing, timely delivery, and customer satisfaction makes Rajasthan Metals the preferred choice for businesses seeking purity, performance, and long-term trust.

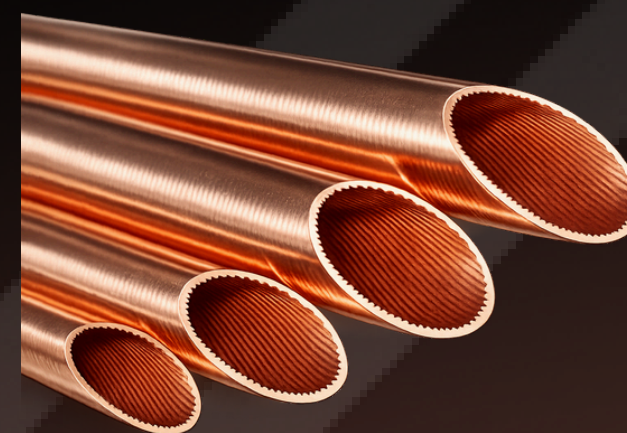
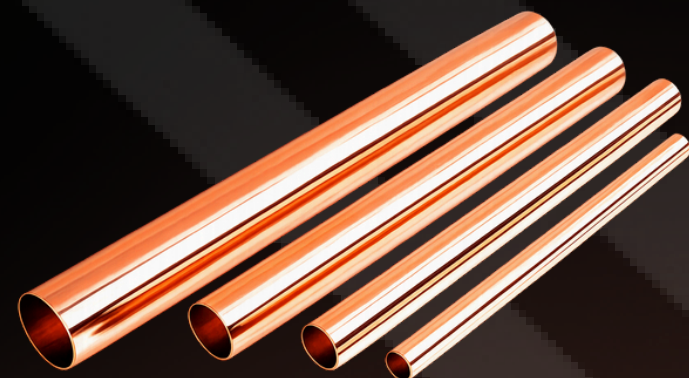
Driven by quality and integrity, Rajasthan Metals focuses on delivering products that meet global standards while maintaining competitive pricing. Our wide product range, strict quality control, and efficient supply chain enable us to serve customers with reliability and confidence. From small requirements to bulk orders, Rajasthan Metals ensures consistent performance, value for money, and long-term partnerships built on trust and excellence.





RAJASTHAN METALS PVT.LTD.

Thank You



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