



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.

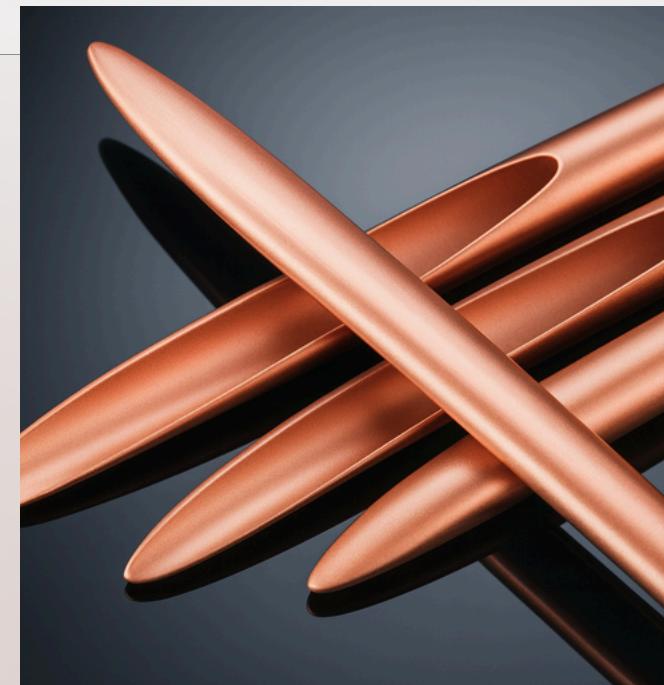
Our long-standing market presence allows us to understand customer requirements and industry standards across plumbing, HVAC, electrical, and industrial sectors. With a focus on quality assurance, competitive pricing, and reliable delivery, Rajasthan Metals continues to serve clients across India with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



# CATEGORY



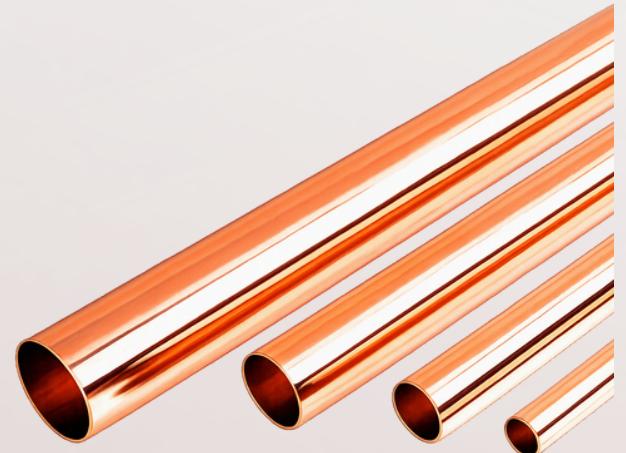
LWC



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





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
	6.35	0.30	44.8	1,323	3,969
(1/4")	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
	7.94	0.28	52.9	987	2,962
	7.94	0.30	56.5	1,058	3,174
(5/16")	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
	9.00	0.60	124.3	1,867	5,600
9mm	9.00	0.70	143.3	2,178	6,533
	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
(3/8")	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
	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
(1/2")	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
	15.88	0.35	134.1	617	1,851
	15.88	0.41	156.4	723	2,169
(5/8")	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
	19.05	0.88	394.3	1,293	3,880
	19.05	0.90	402.7	1,323	3,969



# IGT

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

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

# 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			
<b>01/04"</b>	<b>6.35</b>	<b>0.48</b>	<b>1.2</b>	<b>22</b>	<b>29.7</b>
<b>03/08"</b>	<b>9.52</b>	<b>0.58</b>	<b>2.2</b>	<b>15</b>	<b>33</b>
<b>01/02"</b>	<b>12.7</b>	<b>0.62</b>	<b>3.2</b>	<b>10</b>	<b>32</b>
<b>05/08"</b>	<b>15.88</b>	<b>0.65</b>	<b>4.2</b>	<b>8</b>	<b>33.6</b>

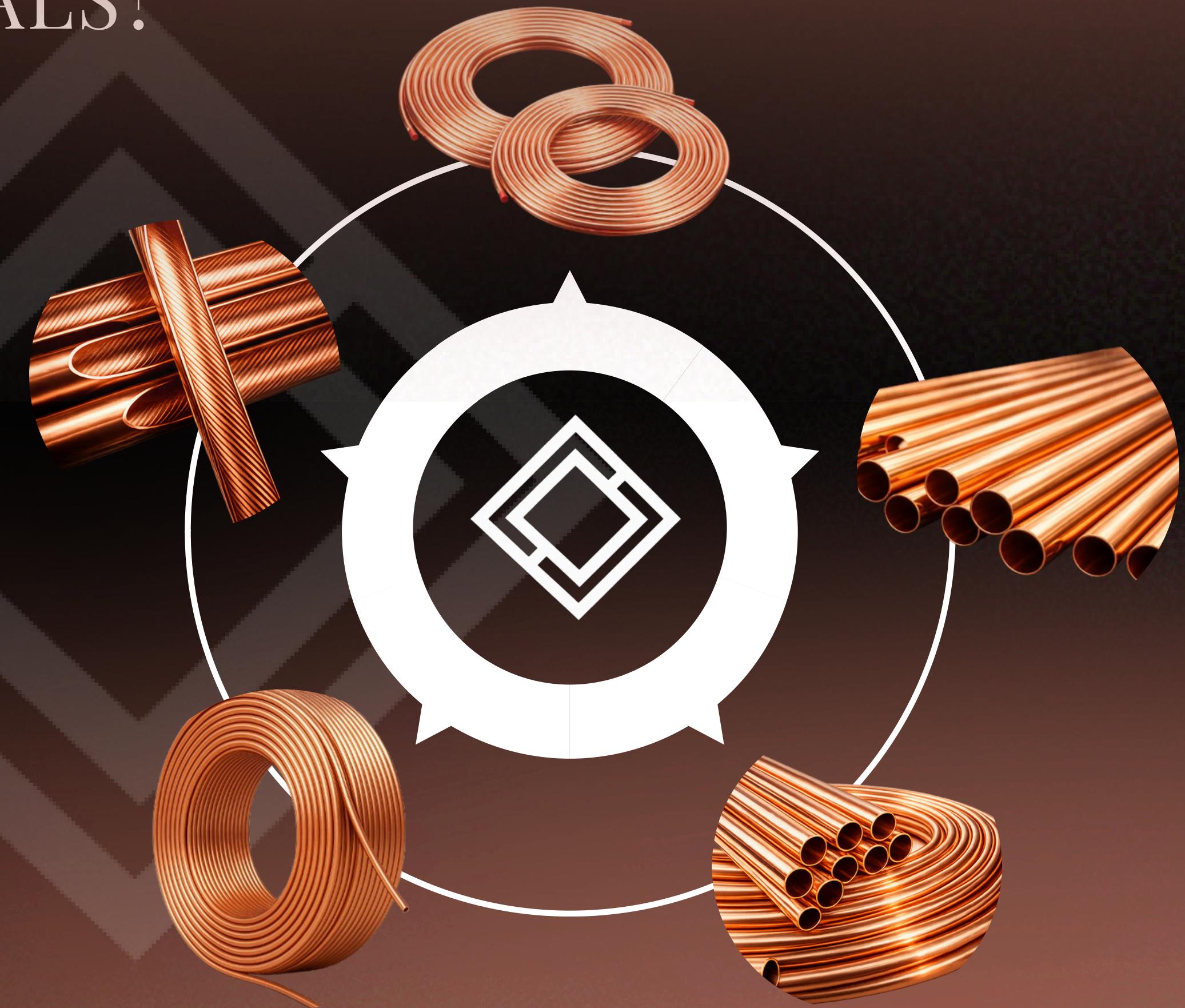


## MEDIUM WEIGHT PANCAKE COILS (50 ft)

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

# 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.

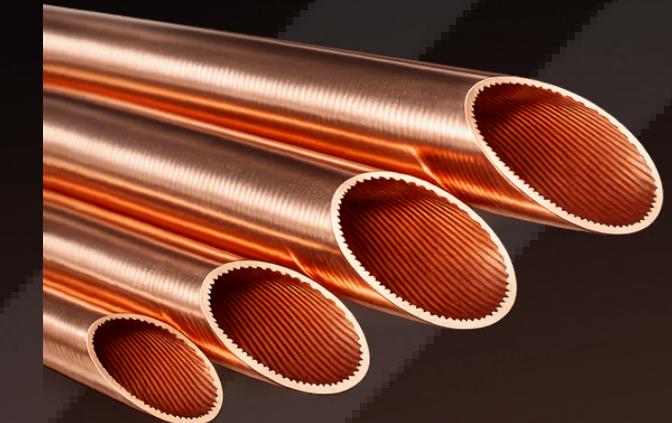
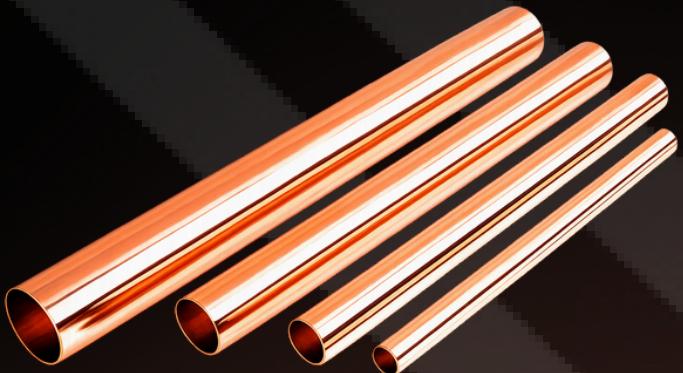
Driven by quality and integrity, Rajasthan Metals focuses on delivering products that meet global standards while maintaining competitive pricing. Our wide product range, strict quality control, and efficient supply chain enable us to serve customers with reliability and confidence. From small requirements 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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