

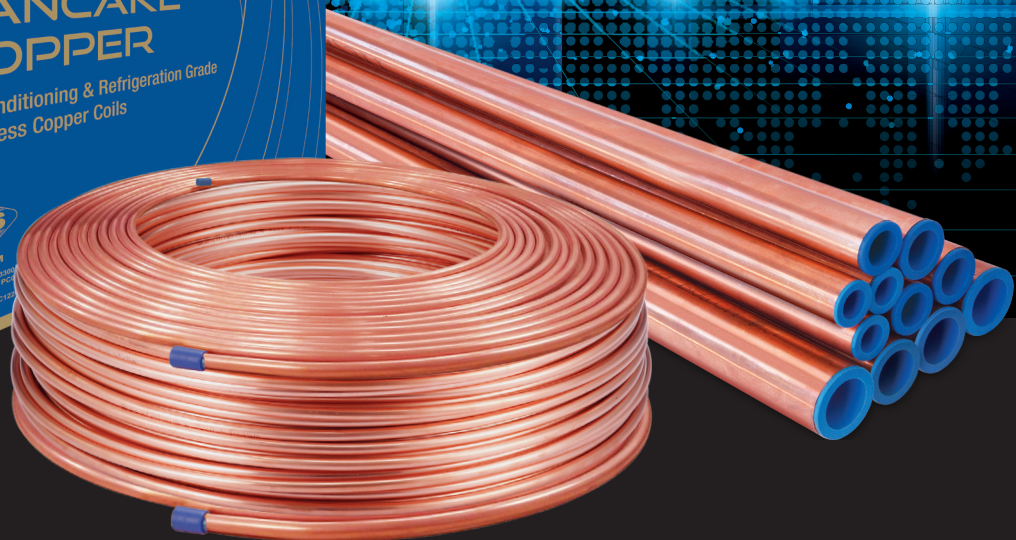


Dewpoint®

DPC-0521-D

Pancake Copper & Straight Copper

Premium Series



JAPANESE INDUSTRIAL STANDARD
日本工業規格



SIRIM
Certified to JIS H 3300 : 2012
Certification No.: PC003055



SIRIM
Certified to JIS H 3300 : 2012
Certification No.: PC003289

Features

Certified with Product Certification License from SIRIM QAS International Sdn. Bhd.

Product Certification License No: PC003055 and PC003289

Compliant with Japanese Industrial Standard (JIS) H3300:2012

Compliant with material composition and mechanical properties requirement

Wide range of sizes

Outer diameter from ¼ inch to 1-5/8 inch and thickness from 0.61mm to 1.00mm

Specification clearly stated on each roll

Clear identification when usage

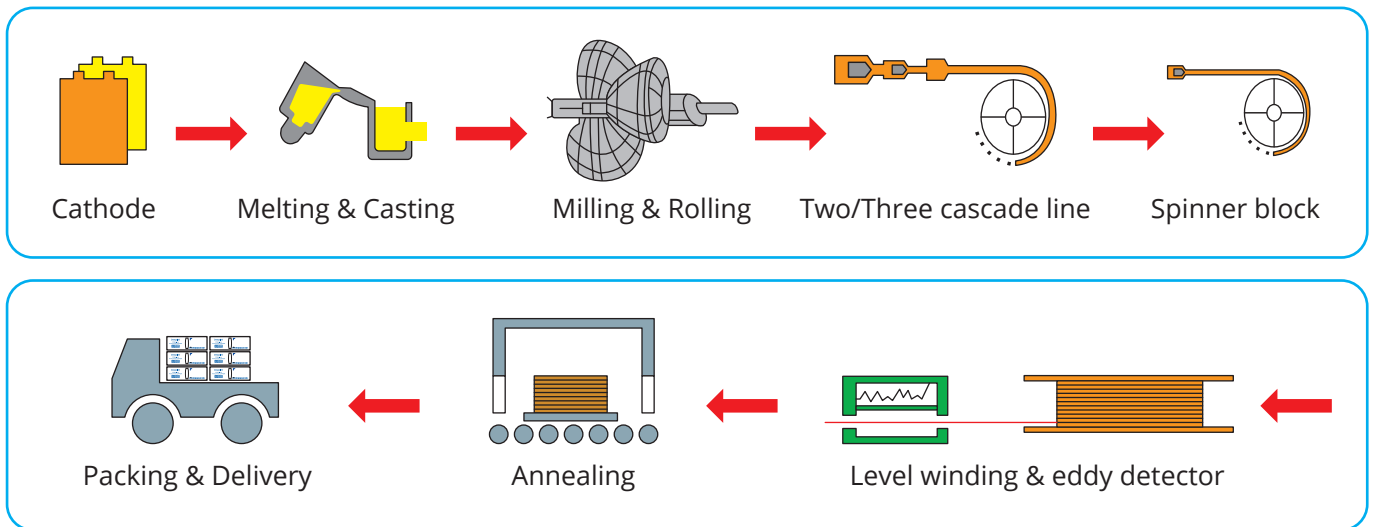
Easy installation

Single Layer Packaging

Quality Control

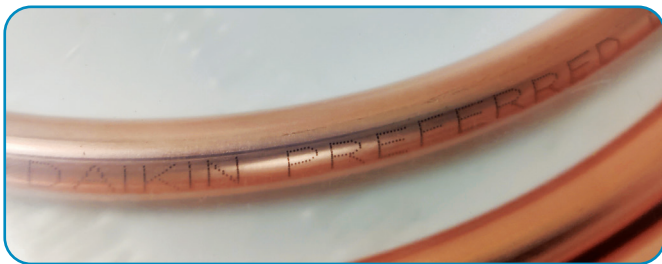
Eddy detector process during copper production to ensure no defect on copper surface, eg: dented, hole.

Production Process Of Copper Tube



Copper Printed Wording

Printed wording with details in every roll as daikin authentic product.



Pancake Copper

Printed wording sample - DAIKIN PREFERRED (SIRIM LICENSE : PC003289) STANDARD JIS H 3300 : 2012 C1220 T-O DEWPOINT (PREMIUM) SEAMLESS COPPER 6.35MM X 0.61MM X 15M APRIL 13TH 2021 BATCH NO 63699

Straight Copper

Printed wording sample - DAIKIN PREFERRED (SIRIM LICENSE : PC003289) STANDARD JIS H 3300 : 2012 C1220 T-1/2H DEWPOINT (PREMIUM) SEAMLESS COPPER 22.22 X 0.71MM X 4M AUGUST 5TH 2021 BATCH NO 62879

Copper Packaging

Shrink wrapping and desiccant on every roll to prevent copper oxidation.



Pancake Copper



Material Composition & Mechanical Properties		
Standard		JIS H3300-2012
Material Grade		C1220
Chemical Composition	Copper, Cu (%)	≥ 99.9
	Phosphorus, P (%)	0.015 - 0.040
Temper Grade		O
Grain Size (mm)		0.025 - 0.060
Tensile Strength (N/mm ²)		≥ 205
Elongation after Fracture (%)		≥ 40
Rockwell Hardness		≤ 60

Sizes and Pressure					
Outer Diameter		Thickness	Length	Working Pressure	Burst Pressure
inch	mm	mm	m	PSI	PSI
1/4	6.35	0.61	15	1,237	6,186
1/4	6.35	0.71	15	1,460	7,300
1/4	6.35	0.81	15	1,689	8,445
3/8	9.52	0.61	15	803	4,015
3/8	9.52	0.71	15	943	4,715
3/8	9.52	0.81	15	1,086	5,428
1/2	12.7	0.61	15	594	2,970
1/2	12.7	0.71	15	696	3,479
1/2	12.7	0.81	15	799	3,996
1/2	12.7	0.91	15	904	4,519
1/2	12.7	1.00	15	999	4,996
5/8	15.88	0.61	15	471	2,356
5/8	15.88	0.71	15	551	2,757
5/8	15.88	0.81	15	632	3,161
5/8	15.88	0.91	15	714	3,570
5/8	15.88	1.00	15	787	3,942
3/4	19.05	0.61	15	391	1,954
3/4	19.05	0.71	15	457	2,284
3/4	19.05	0.81	15	523	2,617
3/4	19.05	0.91	15	591	2,953
3/4	19.05	1.00	15	651	3,275

Material Composition & Mechanical Properties		
Standard		JIS H3300-2012
Material Grade		C1220
Chemical Composition	Copper, Cu (%)	≥ 99.9
	Phosphorus, P (%)	0.015 - 0.040
Temper Grade		1/2 H
Grain Size (mm)		0.025 - 0.060
Tensile Strength (N/mm ²)		≥ 205
Elongation after Fracture (%)		≥ 40
Rockwell Hardness		≤ 60

Sizes and Pressure					
Outer Diameter		Thickness	Length	Working Pressure	Burst Pressure
inch	mm	mm	m	PSI	PSI
7/8	22.22	0.71	4	475	2,568
7/8	22.22	0.81	4	544	2,940
1	25.40	0.71	4	415	2,239
1	25.40	0.81	4	474	2,562
1-1/8	28.58	0.71	4	368	1,985
1-1/8	28.58	0.81	4	420	2,270
1-1/4	31.75	0.81	4	378	2,039
1-3/8	34.93	0.71	4	300	1,618
1-3/8	34.93	0.81	4	343	1,850
1-1/2	38.10	0.91	4	353	1,907
1-5/8	41.28	0.81	4	289	1,561
1-5/8	41.28	0.91	4	325	1,757

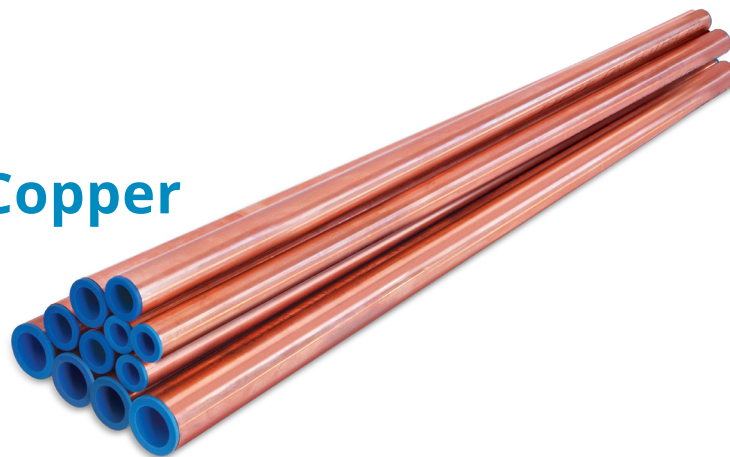
Straight Copper Fittings

VRV Standard installation sizes

Accessories			
Inner Diameter		Type	Thickness
inch	mm		
8/8	25.40	Socket	1.30
1-1/4	31.75	Socket	1.30
1-1/2	38.10	Socket	1.30
8/8	25.40	Elbow 45°	1.00
1-1/4	31.75	Elbow 45°	1.30
1-1/2	38.10	Elbow 45°	1.30
8/8	25.40	Elbow 90°	1.00
1-1/4	31.75	Elbow 90°	1.20
1-1/2	38.10	Elbow 90°	1.30



Straight Copper



www.daikin.com.my

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(109719-M)

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- Pahang Tel: 09-567 6778
- Kelantan Tel: 09-747 4578
- Sabah Tel: 088-722 194
- Sarawak Tel: 082-333 299

Dewpoint and are marketed by: **DAIKIN MALAYSIA SALES & SERVICE SDN. BHD.**

Authorized dealer:

Catalogue No: DPC-0521-D