

DAIKIN

Dewpoint®

DPC-0423-E

Premium Series
**Pancake Copper
& Straight Copper**



**Come In
Bundle Pack**



JAPANESE INDUSTRIAL STANDARD
日本工業規格



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



SIRIM
Certified to JIS H 3300 : 2012
Certification No.: PC012210

Features

High Quality Standard

- Special Grade Standard C 1220 TS

Compliant with Japanese Industrial Standard (JIS) H3300:2012 & Certified with Product Certification License from SIRIM QAS International Sdn. Bhd.

What Is

Special Grade Standard C 1220 TS?

C 1220 TS is a higher level quality control standard, compare to common grade standard C 1220 T, it have minimum tolernace on specification, example: diameter, thickness.

Why Comply To

Special Grade Standard C 1220 TS

To supply more precise copper specification to market, an inapropriate diameter & thickness installed will lower down air-conditioner performance and lead to gas leak and pipe burst.



Wide Range Of Sizes

Outer diameter from ¼ inch to 1-½ inch and thickness from 0.61mm to 1.00mm



Each Roll With Clear Stated Specification

Easy to identify, copper printing in every roll as daikin authentic product



Easy Installation

Single Layer Packaging



Shrink Wrap Packing In Each Roll

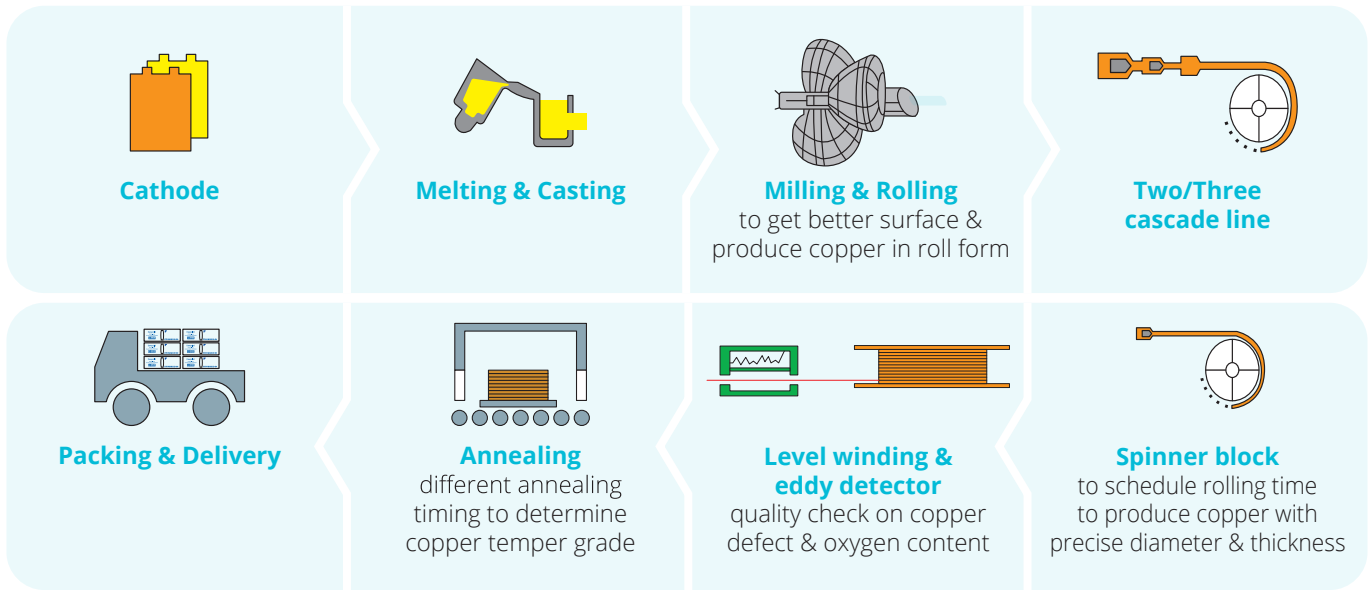
Shrink wrapping for every roll for convenience to carry and prevent oxidization

Tolernance Differences

There is always tolernances during copper production, by comply to special grade JIS standard, strict quality control to ensure produced copper have more precise diameter & thickness.

Outer Diameter		DEWPOINT Standard		Thickness	DEWPOINT Standard	
		C 1220 TS	C 1220 T		C 1220 TS	C 1220 T
inch	mm			mm		
1/4	6.35	±0.05	±0.08	0.61	±0.06	±0.10
1/4	6.35	±0.05	±0.08	0.71	±0.06	±0.10
1/4	6.35	±0.05	±0.08	0.81	±0.08	±0.13
3/8	9.52	±0.05	±0.08	0.61	±0.06	±0.10
3/8	9.52	±0.05	±0.08	0.71	±0.06	±0.10
3/8	9.52	±0.05	±0.08	0.81	±0.08	±0.13
1/2	12.7	±0.05	±0.08	0.61	±0.06	±0.10
1/2	12.7	±0.05	±0.08	0.71	±0.06	±0.10
1/2	12.7	±0.05	±0.08	0.81	±0.08	±0.13
1/2	12.7	±0.05	±0.08	0.91	±0.08	±0.13
1/2	12.7	±0.05	±0.08	1	±0.08	±0.13
5/8	15.88	±0.06	±0.09	0.61	±0.06	±0.10
5/8	15.88	±0.06	±0.09	0.71	±0.06	±0.10
5/8	15.88	±0.06	±0.09	0.81	±0.09	±0.15
5/8	15.88	±0.06	±0.09	0.91	±0.09	±0.15
5/8	15.88	±0.06	±0.09	1	±0.08	±0.13
3/4	19.05	±0.06	±0.09	0.61	±0.06	±0.10
3/4	19.05	±0.06	±0.09	0.71	±0.06	±0.10
3/4	19.05	±0.06	±0.09	0.81	±0.09	±0.15
3/4	19.05	±0.06	±0.09	0.91	±0.09	±0.15
3/4	19.05	±0.06	±0.09	1	±0.08	±0.13
7/8	22.22	±0.06	±0.09	0.81	±0.09	±0.15
1	25.4	±0.08	±0.12	0.71	±0.08	±0.11
1	25.4	±0.08	±0.12	0.81	±0.09	±0.15
1-1/8	28.58	±0.08	±0.12	0.71	±0.08	±0.11
1-1/8	28.58	±0.08	±0.12	0.81	±0.09	±0.15
1-1/4	31.75	±0.08	±0.12	0.81	±0.09	±0.15
1-3/8	34.93	±0.08	±0.12	0.71	±0.08	±0.11
1-3/8	34.93	±0.08	±0.12	0.81	±0.09	±0.15
1-1/2	38.1	±0.08	±0.12	0.91	±0.09	±0.15
1-5/8	41.28	±0.08	±0.12	0.81	±0.09	±0.15
1-5/8	41.28	±0.08	±0.12	0.91	±0.09	±0.15

Quality Checking Process & Testing Equipment



Premium Pancake Copper



Material Composition & Mechanical Properties

Standard		JIS H3300-2012
Material Grade		C1220
Class		Special Grade
Designation		C1220 TS
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	Coils Per Carton	Working Pressure	Burst Pressure
inch	mm	mm	m	Roll	PSI	PSI
1/4	6.35	0.61	15	16	1,237	6,186
1/4	6.35	0.71	15	16	1,460	7,300
1/4	6.35	0.81	15	16	1,689	8,445
3/8	9.52	0.61	15	10	803	4,015
3/8	9.52	0.71	15	10	943	4,715
3/8	9.52	0.81	15	10	1,086	5,428
1/2	12.7	0.61	15	8	594	2,970
1/2	12.7	0.71	15	8	696	3,479
1/2	12.7	0.81	15	8	799	3,996
1/2	12.7	0.91	15	8	904	4,519
1/2	12.7	1.00	15	8	999	4,996
5/8	15.88	0.61	15	6	471	2,356
5/8	15.88	0.71	15	6	551	2,757
5/8	15.88	0.81	15	6	632	3,161
5/8	15.88	0.91	15	6	714	3,570
5/8	15.88	1.00	15	6	787	3,942
3/4	19.05	0.61	15	5	391	1,954
3/4	19.05	0.71	15	5	457	2,284
3/4	19.05	0.81	15	5	523	2,617
3/4	19.05	0.91	15	5	591	2,953
3/4	19.05	1.00	15	5	651	3,275

Premium Straight Copper



* Come in bundle pack



Material Composition & Mechanical Properties

Standard		JIS H3300-2012
Material Grade		C1220
Class		Special Grade
Designation		C1220 TS
Chemical Composition	Copper, Cu (%)	≥ 99.9
	Phosphorus, P (%)	0.015 - 0.040
Temper Grade		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	Roll Per Bundle	Working Pressure	Burst Pressure
inch	mm	mm	m		PSI	PSI
7/8	22.22	0.71	4	10	599	3,043
7/8	22.22	0.81	4	10	686	3,484
1	25.40	0.81	4	10	597	3,036
1-1/8	28.58	0.71	4	5	463	2,352
1-1/8	28.58	0.81	4	5	530	2,692
1-1/4	31.75	0.81	4	5	475	2,416
1-3/8	34.93	0.71	4	5	377	1,917
1-3/8	34.93	0.81	4	5	431	2,192
1-1/2	38.10	0.91	4	5	444	2,259
1-5/8	41.28	0.81	4	5	364	1,849
1-5/8	41.28	0.91	4	5	409	2,082

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

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