

COPPER TUBE

MODEL LVCUT



DESCRIPTION:

Lansdale's Copper Tube is for use in plumbing, AWWA, and mechanical applications. Available Type K ranging from 1/2" to 2" in diameter.

MATERIAL:

Lansdale's Copper Tube is manufactured from UNS C12200 grade of copper.

KEY SPECIFICATIONS:

Lansdale's Copper Tube conform to the **NSF/ANSI/CAN 61** Annex G requirements and is manufactured to meet ASTM B88.

INSTALLATION:

Installations shall comply with the latest applicable building codes for the local jurisdiction. For detailed installation instructions, consult the Copper Development Association at copper.org.

REFERENCES:

C12200	99.9% Pure Copper (can be used for potable water)
NSF/ANSI/CAN 61 Annex G	Safe Drinking Water Act (third party certification)
ASTM B88	Seamless Copper Water and Gas Tube (Type K,L,M)
NSF/ANSI/372	Safe Drinking Water (Lead Content)

TYPE K RATED WORKING PRESSURE (PSIG)					
NOM. DIA.	WT/FT	150°F	200°F	300°F	400°F
1/2"	0.344	758	713	698	446
5/8"	0.418	626	589	577	368
3/4"	0.641	724	682	668	426
1"	0.839	557	524	513	327
1-1/4"	1.04	452	425	416	266
1-1/2"	1.36	420	396	387	247
2"	2.06	370	348	341	217

Table gives computed allowable stress for annealed copper tube at indicated temperature to provide designers for worst case scenario. System designer should account for fitting and joining methodology to determine actual system ratings.

PROJECT	APPROVAL STAMP
PROJECT:	<input type="checkbox"/> APPROVED
ADDRESS:	<input type="checkbox"/> APPROVED AS NOTED
ENGINEER:	<input type="checkbox"/> NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	

COPPER TUBE

MODEL LVCUT

DESCRIPTION:

Lansdale's Copper Tube is for use in plumbing, AWWA, and mechanical applications. Available Type K ranging from 1/4" to 8" in diameter.

MATERIAL:

Lansdale's Copper Tube is manufactured from UNS C12200 grade of copper.

KEY SPECIFICATIONS:

Lansdale's Copper Tube conform to the **NSF/ANSI/CAN 61** Annex G requirements and is manufactured to meet ASTM B88.

INSTALLATION:

Installations shall comply with the latest applicable building codes for the local jurisdiction. For detailed installation instructions, consult the Copper Development Association at copper.org.

REFERENCES:

C12200

NSF/ANSI/CAN 61 Annex G

ASTM B88

ASTM B280

ASTM B306

NSF/ANSI/372

99.9% Pure Copper (can be used for potable water)

Safe Drinking Water Act (third party certification)

Seamless Copper Water and Gas Tube (Type K,L,M)

Seamless Copper Tube for Air Conditioning and Refrigerants

Seamless Drainage Tube Code (DWV)

Safe Drinking Water (Lead Content)



TYPE K RATED WORKING PRESSURE (PSIG)					
NOM. DIA.	WT/FT	150°F	200°F	300°F	400°F
1/4"	0.145	913	860	842	537
3/8"	0.269	960	904	885	565
1/2"	0.344	758	713	698	446
5/8"	0.418	626	589	577	368
3/4"	0.641	724	682	668	426
1"	0.839	557	524	513	327
1-1/4"	1.04	452	425	416	266
1-1/2"	1.36	420	396	387	247
2"	2.06	370	348	341	217
2-1/2"	2.93	338	319	312	199
3"	4.00	328	308	302	193
3-1/2"	5.12	311	293	286	183
4"	6.51	306	288	282	180
5"	9.67	2.93	276	270	172
6"	13.90	295	277	271	173
8"	25.90	314	295	289	184

Table gives computed allowable stress for annealed copper tube at indicated temperature to provide designers for worst case scenario. System designer should account for fitting and joining methodology to determine actual system ratings.

PROJECT	APPROVAL STAMP
PROJECT:	<input type="checkbox"/> APPROVED
ADDRESS:	<input type="checkbox"/> APPROVED AS NOTED
ENGINEER:	<input type="checkbox"/> NOT APPROVED
SUBMITTAL DATA:	REMARKS:
NOTES 1:	
NOTES 2:	