Kamco | GREAT LAKES COPPER

GAS-TEC® SPECIFICATIONS

GAS-TEC® POLYETHYLENE COATED COPPER TUBING FOR NATURAL GAS & LIQUEFIED PETROLEUM GAS



COPPER SPECIFICATIONS

- Copper alloy C12200 - Annealed temper
- Third Party Certified by Intertek Testing Services & Carries the Warnock Hersey Symbol

*Represents maximum deviation at a point

COPPER SIZE/ TYPE	OUTSIDE DIAMETER	WALL THICKNESS	ASTM SPECIFICATION	OUTSIDE DIAMETER +/- TOLERANCE*	WALL THICKNESS +/- TOLERANCE*	TOLERANCE SPECIFICATION	POLYETHYLENE MIN. THICKNESS	POLYETHYLENE TOLERANCE*	OUTSIDE DIAMETER INCLUDING POLY	STANDARD LENGTHS
1/4" L	.375"	.030"	B88/B837	.0020"	.003"	B88	.022"	+.005"	.419" / -.0020 +.0070	60' 100' 250'
3/8" L	.500"	.035"	B88/B837	.0025"	.004"	B88	.022"	+.005"	.544" / -.0025 +.0075	60' 100' 250'
1/2" L	.625"	.040"	B88/B837	.0025"	.004"	B88	.022"	+.005"	.669" / -.0025 +.0075	60' 100' 250'
5/8" L	.750"	.042"	B88/B837	.0025"	.004"	B88	.025"	+.005"	.800" / -.0025 +.0075	60' 100'
3/4" L	.875"	.045"	B88/B837	.0030"	.004"	B88	.025"	+.005"	.925" / -.0030 +.0075	60' 100'
1" L	1.125"	.050"	B88	.0035"	.005"	B88	.025"	+.005"	1.175" / -.0035" +.0085"	60' 100'
3/8" REF	.375"	.032"	B68/B280	.0020"	.003"	B280	.022"	+.005"	.419" / -.0020" +.0070"	50' 100' 250'
1/2" REF	.500"	.032"	B68/B280	.0020"	.003"	B280	.022"	+.005"	.544" / -.0020" +.0070"	50' 100' 250'
5/8" REF	.625"	.035"	B68/B280	.0020"	.004"	B280	.022"	+.005"	.669" / -.0020" +.0070"	50' 100' 250'
1/4" K	.375"	.035"	B88	.0020"	.0035"	B88	.022" minimum coating plus .022" grooves	+.005"	.463" / -.0020 +.0070	60' 100'
3/8" K	.500"	.049"	B88	.0025"	.005"	B88		+.005"	.588" / -.0025 +.0075	60' 100'
1/2" K	.625"	.049"	B88	.0025"	.005"	B88		+.005"	.633" / -.0025 +.0075	60' 100'

POLYETHYLENE COATING

- Linear Low Density Polyethylene LLDPE Extrusion Resin
- Contains UV inhibitors

GAS-TEC PLUS WITH BLACK HDPE OUTER SLEEVE

SIZES: 1/4"L, 3/8"L, 1/2"L

LENGTHS: 60' & 100'

COPPER SIZES: OUTSIDE DIAMETER OF OUTER SLEEVE

1/4"L, 3/8"L, 1/2"L: MIN .929", MAX .964"

See above chart for copper specifications

CODES

Recognized as acceptable piping material in:

CAN/CSA	B149.1-05	**CPC***	California Plumbing Code
NFPA*	National Fuel Gas Code 54	**CABO***	One & Two Family Dwelling
UMC*	Uniform Mechanical Code	**BOCA***	National Meeting Code
IRC	International Residential Code	**SBCCI***	Standard Gas Code*

*Copper shall not be used if the gas contains more than an average of 0.3 grains (0.01944 grams) of hydrogen sulfi de per 100 standard cubic feet (2.83 M3) of gas (0.7 milligrams per 100 liters)

PLEASE NOTE: Use of this product is subject to the approval of the Authority Having Jurisdiction. This product must be installed in accordance with procedures approved by the authority having jurisdiction

JOINING: Joining methods are subject to approved joining methods of the Authority Having Jurisdiction. Generally accepted industry practice is to use forged brass flare fittings machined long nut flare fittings or brazed connections with capillary fittings.

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