

# WARD Flex MAX



## ANOTHER SMART CONNECTION FROM WARD

### CONDUCTIVE COATED CORRUGATED STAINLESS STEEL TUBING

In 1990, Ward Manufacturing, LLC introduced Corrugated Stainless Steel Tubing (CSST) to the North American Market. Since then, the WARDFlex system had become the industry standard in flexible gas piping.

WARDFlex MAX is the next generation of CSST, delivering all the benefits of the original WARDFlex system with a new conductive coating that disperses the electrical energy

induced on the tubing when an arc occurs between the CSST and another metallic system located in the structure.

While no CSST product is resistant to the effects of a direct lightning strike, WARDFlex MAX has been designed and tested to help mitigate damage caused by transient arcing of lightning induced energy inside the building.

Testing Per LC 1024 Section 4.3.22 - Bonding Equivalency indicates that WARDFlex MAX requires no additional bonding above the minimum requirements for rigid metal piping as defined in the National Electrical Code NFPA70 Article 250.104. However, the consideration of equipotential bonding is highly recommended to ensure the optimum level of safety available within the system.

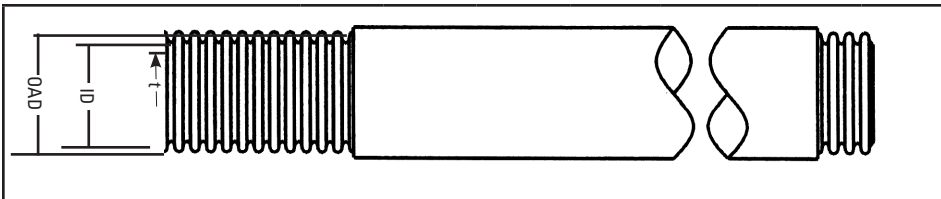
### PLUS, THE BEST OF WARDFLEX®

The WARDFlex system offers professional contractors an extremely flexible, reliable and effective way to distribute fuel gas in a building, eliminating the multiple service points seen at every turn and connection with black pipe and fittings.

WARDFlex MAX offers everything professional contractors have come to expect from WARDFlex, including:

-Continuous run coils in a variety of sizes.

- Free training and exceptional customer support.
- Full annealing for maximum flexibility, easing installation in increasing routine options.
- Helium/vacuum testing of every foot of WARDFlex for leak-free integrity.
- The StepSaver Double-seal Fitting for fast connections and leak-proof performance.
- Improved resistance against damage from inadvertent electrical energization.



# COMPLIANCE WITH INDUSTRY STANDARDS

**Maximum allowable working pressure: 25 PSIG**

Tubing Size	Item size	15C 3/8"	20C 1/2"	25C 1"	32C 1 1/4"	38C 1 1/2"	50C 2"
Equivalent Hydraulic Diameter	EHD	19	25	30	37	48	62
Tube Wall Thickness	in. (mm)	0.010 (0.25)	0.010 (0.25)	0.010 (0.25)	0.010 (0.25)	0.012 (0.25)	0.012 (0.25)
O.D of coating (OAD)	in. (mm)	0.812 (20.60)	1.070 (20.60)	1.303 (33.10)	1.618 (41.10)	2.120 (53.04)	2.654 (67.41)

- CABO One & Two Family Dwelling Code
- Uniform Mechanical Code (ICBO)
- International Fuel Gas Code
- International Plumbing Code
- International Mechanical Code
- ICC ESR-1879
- FM 3011939
- City of Los Angeles Approval
- ANSI/ISO 14001:2004 (Environmental Certification)
- ISO 9001:2008 Certified
- ANSI LC 1 (CSA Design Certified)
- CSA 6.26-M05 (Canadian Gas Association)
- National Fuel Gas Code (NFPA 54)
- Standard Gas Code (SBCCI)
- BOCA Mechanical Code
- IAPMO Classified Marking (File No. 3353)

## EXPERT TESTED

WARDFlex MAX has been tested by LTI (Lightening Technologies Institute) to LC1024. LTI is a leader in lightning technology and is internationally recognized for its expertise in this field. WARDFlex MAX is also listed by CSA to ANSI LC-1 and ICC to LC1024.

## AT-RISK AREAS

In geographic areas where lightning is a recognized risk, a lightning protection system should be considered for the best possible protection.



For more information, please visit our website, call us or contact your local WARDFlex distributor.

