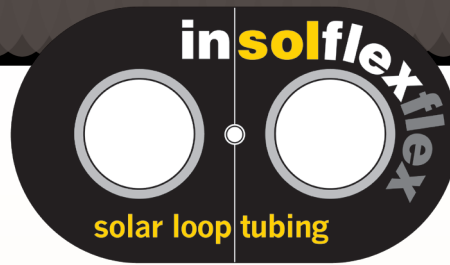
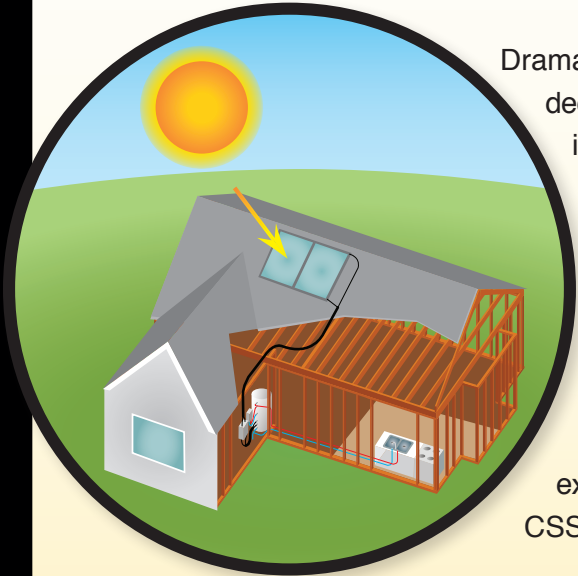


# Simple • Flexible • Durable



## Solar Loop Tubing From the CSST Specialists



Dramatic growth is expected in the solar thermal industry over the next decade and Ward Manufacturing is ready to meet the need. **InsolFlex™** is a high-performance solution for connecting solar collector panels and hot water storage systems.

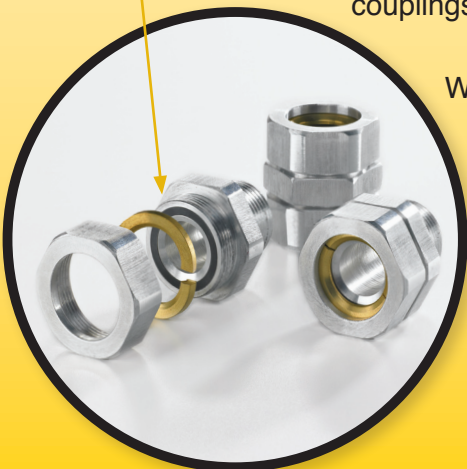
The core of the InsolFlex system is highly flexible, double annealed, corrugated stainless steel tubing (CSST), for fast straight runs and snug routing – without breaking the path. With over 85 years of experience, Ward pioneered and originated CSST in North America.



Precision formed, InsolFlex uses continuous weld technology for durability and long life. **Annular corrugations** make turns infinitely variable for fast and easy installation. Corners and turns are as simple as a bend.

High R-value (3.06 to 4.0) insulated **EDPM jacket and UV resistant sleeve** ensure minimal heat loss and endure the elements.

**Patented, double seal fittings** provide secure, long-lasting connections. NPT and sweat fittings make any installation fast, simple and reliable, without the need for special tools. Fittings and couplings are reusable and weather resistant.



With unparalleled North American coverage, Ward makes getting InsolFlex as easy as it is to use. Visit [www.wardmfg.com](http://www.wardmfg.com) to connect with one of our nationwide sales offices or representatives.



WARD MANUFACTURING

**Make it simple. Make it Ward.**

# America's most flexible connection between solar panels and hot water storage tanks

Ward's CSST solar thermal solution is available standard as **InsolFlex™** with two integrated lead wires and as **ProsolFlex™** with five guide wires. Various lengths, diameters and insulation densities, as well as professional fittings and accessories ensure the right connection for your application. Tie down strips are included.

## InsolFlex & ProsolFlex Products

Item #	Tubing Length	Insulation Thickness	Lead Wires	Zip Ties Included	1/2" ID Tube List Price	3/4" ID Tube List Price
<b>InsolFlex</b>						
20E.IF50	50'	7/8"	2	8	\$918.31	\$1,156.86
20E.IF75	75'	7/8"	2	12	\$1,377.78	\$1,735.28
20E.IF50X	50'	1-1/4"	2	8	\$1,334.07	\$1,564.43
20E.IF75X	75'	1-1/4"	2	12	\$2,072.31	\$2,346.65
<b>ProsolFlex</b>						
20E.IF50	50'	7/8"	5	8	\$958.66	\$1,197.20
20E.IF75	75'	7/8"	5	12	\$1,616.78	\$1,795.81
20E.IF50X	50'	1-1/4"	5	8	\$1,374.42	\$1,604.78
20E.IF75X	75'	1-1/4"	5	12	\$2,132.83	\$2,407.17

## InsolFlex & ProsolFlex Fittings

Item #	Size	Type	Material	1/2" ID Tube List Price	3/4" ID Tube List Price
20XD.IFMJ	20M X 1/2"	Male NPT	Aluminum	\$34.21	
20XD.IFMJF	20M X 1/2"	Female NPT	Aluminum	\$28.00	
20XDOS.IFMJF	20M X 1/2"		Copper	\$21.41	
20XE.IFMJ	20M X 3/4"	Male NPT	Aluminum	\$22.49	
20XE.IFMJF	20M X 3/4"	Female NPT	Aluminum	\$27.06	
20XEOS.IFMJF	20M X 3/4"		Copper	\$35.22	
20.IFC	20M X 20M	Coupling	Aluminum	\$8.23	
25X1.IFMJ	25M X 1"	Male NPT	Aluminum		\$33.22
25X1.IFMJF	25M X 1"	Female NPT	Aluminum		\$35.03
25X1OS.IFMJF	25M X 1"		Copper		\$40.98
25XE.IFMJ	25M X 3/4"	Male NPT	Aluminum		\$28.75
25XE.IFMJF	25M X 3/4"	Female NPT	Aluminum		\$40.09
25XEOS.IFMJF	25M X 3/4"		Copper		\$40.98
25.IFC	25M X 25M	Coupling	Aluminum		\$12.34

## InsolFlex & ProsolFlex Accessories

Product	Item #	Description	List Price
Utility Knife	1.WFS	Jacket slitter/insulation trimmer w/straight blade	\$69.43
Tubing Cutter	20A/32A.WFTC	20E-25E tubing cutter	\$113.94
Mounting Bracket		Mounting bracket for dual tube product	\$2.78
Mounting Bracket		Mounting bracket for single tube product	\$2.78
Insulating Tape		Aerotape EPDM insulation tape	\$21.84
Rescue Tape		Self-fusing silicon sealing tape	\$28.34



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