



Thermoplastic Elastomer (TPE) Tubing Sealer and Welder



C'eal-Flex Ultra TPE Tubing Sealer features complete portability, easily allowing the sealing head to go to the point of the seal, without disrupting fill lines or equipment.

C'eal-Flex® Ultra TPE Tubing Sealer

The C'eal-Flex tubing sealer provides the ultimate convenience for use in a biopharm production suite. It operates on 110 or 230 volt electrical current and uses filtered air. The unit weighs only 9 lbs so it can be easily moved throughout the suite, or quickly mounted at a work station. A remote sealing head makes it easy to get the unit to the point of the seal. Controls are password protected for safety, but once accessed, two control buttons make it easy for the user to adjust temperature of the sealing heads, dwell time, and release temperature. The unit has a built-in safety lock so it is impossible to interrupt the operation before the seal cycle is complete.

Connect-Flex® TPE Tubing Welder

The Connect-Flex welder can weld TPE tubing ranging in size from .375" through .750" OD. It operates on 110 or 230 volt electrical current and uses filtered air. The welder weighs only 25 lbs so it can be moved easily throughout the production suite. The unit is easy to load and a LCD panel steps the user through the loading, welding and release segments of the cycle. Like the sealer, it operates with just two control buttons. The welding cycle time is 3 minutes. An emergency 'kill' switch is built-in for safety purposes. Single use stainless steel blades are provided with the unit, and can be re-ordered when needed.

PHARMACEUTICAL SYSTEMS



- Portable and compact design
- Remote sealing head for in-suite flexibility
- Password protected setting
- Cycle times from 1 – 4 minutes



- Welds tubing, wet or dry
- Easily validated
- Provides welds with smooth inner bore
- Cycle time is 3 minutes

Connect-Flex TPE Tubing Welder features an easy two button welding process and accommodates tubing from .375" to .750" OD.





C'eat-Flex® Machine Specifications

Dimensions	(in) 7 x 10.4 x 4.5 (cm) 18 x 26.5 x 11.5
Machine Weight	(lb) 8 (Kg) 3.6
Electrical Requirements	100-120 VAC 50-60 Hz, 1.2 amps
Air Pressure (not required, but recommended)	80-90 psi
Use	Intended for Indoor Use Only
Environment Temp.	72°F ± 10° (22°C ± 5°)
Cycle Times	Vary by tubing size, ranging from 1 to 4 minutes.

C'eat-Flex Tubing Sizes

Type	Dimension (ID" x OD")
Thin Wall (1/16") Sealing Head:	.125" x .250"
	.188" x .313"
	.250" x .375"
Thick Wall (1/8") Sealing Head:	.250" x .500"
	.375" x .625"
	.500" x .750"

This device is intended for use with the C-Flex® Thermoplastic Elastomer (TPE) tubing formulas shown below:

C-Flex Tubing Formulations

Formula	Description
072	Opaque tubing, 60A Durometer
082	Clear tubing, 60A durometer
374	Clear tubing, 60A durometer

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IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain Performance Plastics products for all intended uses and that the materials to be used comply with all applicable medical regulatory requirements. Saint-Gobain Performance Plastics assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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WARRANTY: For a period of 12 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product to be free of defects in materials and workmanship. Our only obligation will be to replace any portion proving defective, or at our option, to refund the purchase price thereof.



Connect-Flex® Machine Specifications

Dimensions	(in) 12 x 13 x 9.4 (cm) 30.5 x 33 x 24
Machine Weight	(lb) 25 (Kg) 11.4
Electrical Requirements	100-120 VAC 50-60 Hz, 2.4 amps
Air Pressure	85 - 100 psi
Use	Intended for Indoor Use Only
Environment Temp.	20°C to 43°C 68°F to 110°F
Cycle Time	3 minutes

Connect-Flex Tubing Sizes

Size	Dimension (ID" x OD")
xxx-250-2	.250" x .375"
xxx-250-3	.250" x .438"
xxx-250-4	.250" x .500"
xxx-313-3	.313" x .500"
xxx-375-2	.375" x .500"
xxx-375-3	.375" x .563"
xxx-375-4	.375" x .625"
xxx-500-3	.500" x .688"
xxx-500-4	.500" x .750"

This device is intended for use with the C-Flex Thermoplastic Elastomer (TPE) tubing formulas shown at left (substitute these formula numbers in place of the xxx):

Both the C'eat-Flex and the Connect-Flex machines are CE Marked for sale in Europe. Machines are delivered with appropriate electric connections.

C-Flex®, C'eat-Flex® and Connect-Flex® are registered trademarks of Saint-Gobain Performance Plastics.

**C-FLEX® TUBING IS NOT INTENDED
FOR USE AS AN IMPLANT MATERIAL**

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