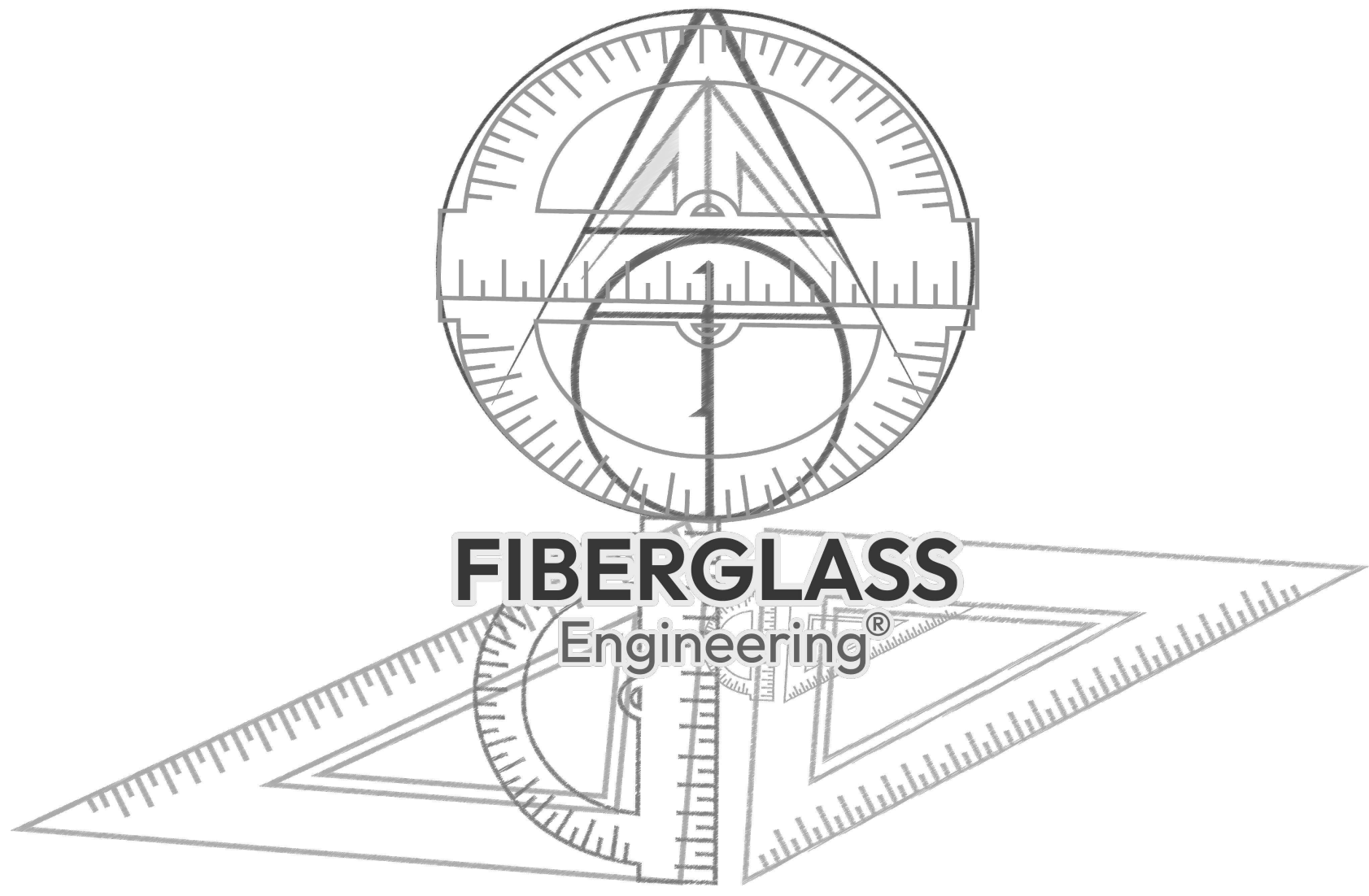


OTA



# Heating Blanket Manual



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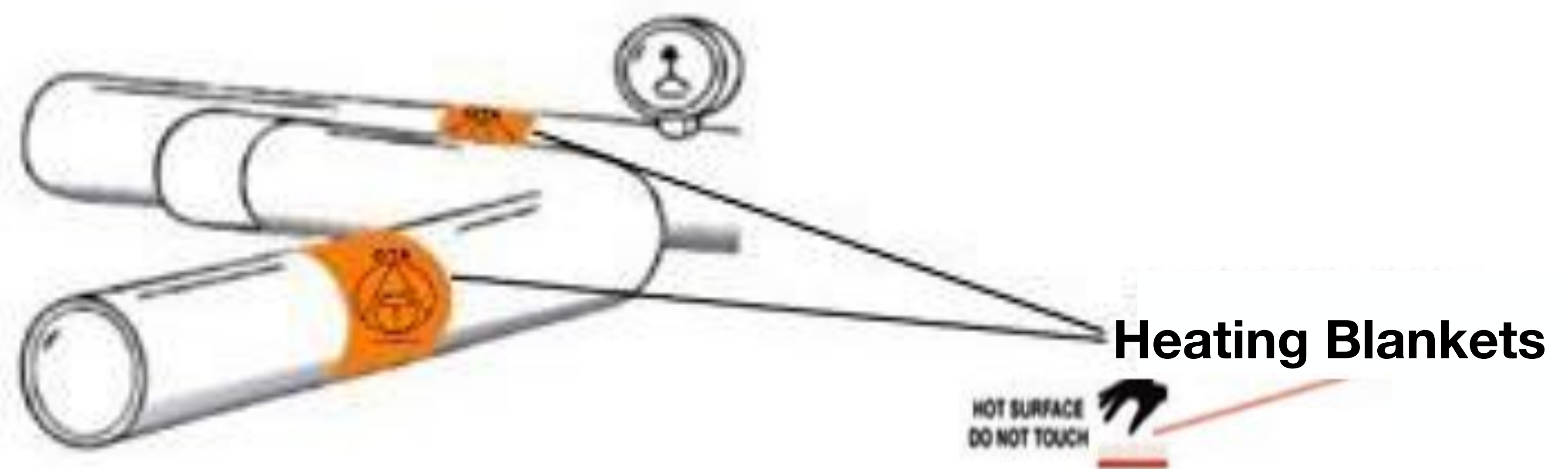




## How To Operate: Demo



First Step: Wrap Heating Blanket Around the Pipe



Second Step: Fasten Heating Blanket securely using spring and buckle as below. Make sure to keep space between Blanket to ensure Single Layer Wrap (also shown in Page 6)



Third Step: Connect to electric outlet, or External OTA Fiberglass Digital Regulator (Optional - see Page 7)





Adjust The Temperature of the Built In Regulator on Heating Blanket to the required Heat. In the following example of How to wrap (Page 5 and Page 6 for Wrong vs Right), we set the temperate to 92.5 °C



Temperature set to 92.5 °C by turning the Built In Temperature Regulator.

### **Safety Instructions:**

#### **DO:**

1. When working with many different Temperatures, it's recommended to use External Digital Regulator (see Page 7) to avoid touching the Hot Blanket Surface
2. Wear Proper Safety-Wear with Safety Gloves
3. Wrap Heating Blanket around the Pipe in Single Layer (see Page 6)

#### **DO NOT:**

1. Do Not bend the Heating Blanket forcefully, it will cause the Heating Element inside to Break
2. Do Not use Heating Blanket in Wet Conditions. Doing so may produce a short circuit
3. Do Not touch Heating Blanket Surface during the Curing / Heating Process, and up to 30 minutes Before and After the Curing / Heating Process
4. Do Not touch the Heating Blanket Surface while Adjusting Temperature by turning the Built In Regulator.
5. Do not Wrap Heating Blanket around the Pipe In Double Layer (see Page 5)



**SIZES, DIMENSIONS AND IMPORTANT NOTE TO OPERATOR: TO PREVENT BURNING** of Heating Blanket, Below Heating Blanket Sizes Must Be Strictly Followed: Each Pipe Size (By Diameter) Must be used with matching Diameter Heating Blanket, See Page 5 and Page 6 below.

Heating Blanket Dimensions:

Item	Dia/MM	Detail
1	25-50	Dimensions :102mmX450mm
		220V
2	80-100	Dimensions :112mmX475mm
		220V
3	150	Dimensions :125mmX840mm
		220V
4	200	Dimensions :135mmX890mm
		220V
5	250-300	Dimensions :151mmX1265mm
		220V
6	350-400	Dimensions :205mmX1645mm
		220V
7	450	Dimensions :225mmX1860mm
		220V
8	500	Dimensions :255mmX2060mm
		220V
9	600	Dimensions :300mmX2550mm Voltage :220V
10	700	Dimensions :370mmX2750mm
		Voltage :220V
11	750	Dimensions :400mmX2880mm
		220V
12	800	Dimensions :430mmX3010mm
		220V
13	900	Dimensions :470mmX3490mm
		220V
14	1000	Dimensions :500mmX3860mm 220V



## How To Wrap

**Wrong Way:** Double Layer Causes Overheating and Burning

Double Layer:  
**Overlapping**



Double Layer / **Overlapping** of Heating Blanket as shown in both pictures on this page Causes **Overheating** (from 92.5 °C to 157 °C) which Eventually **Burns** the Heating Blanket



**WRONG!**  
**Overlap = Overheat**



## How to Wrap

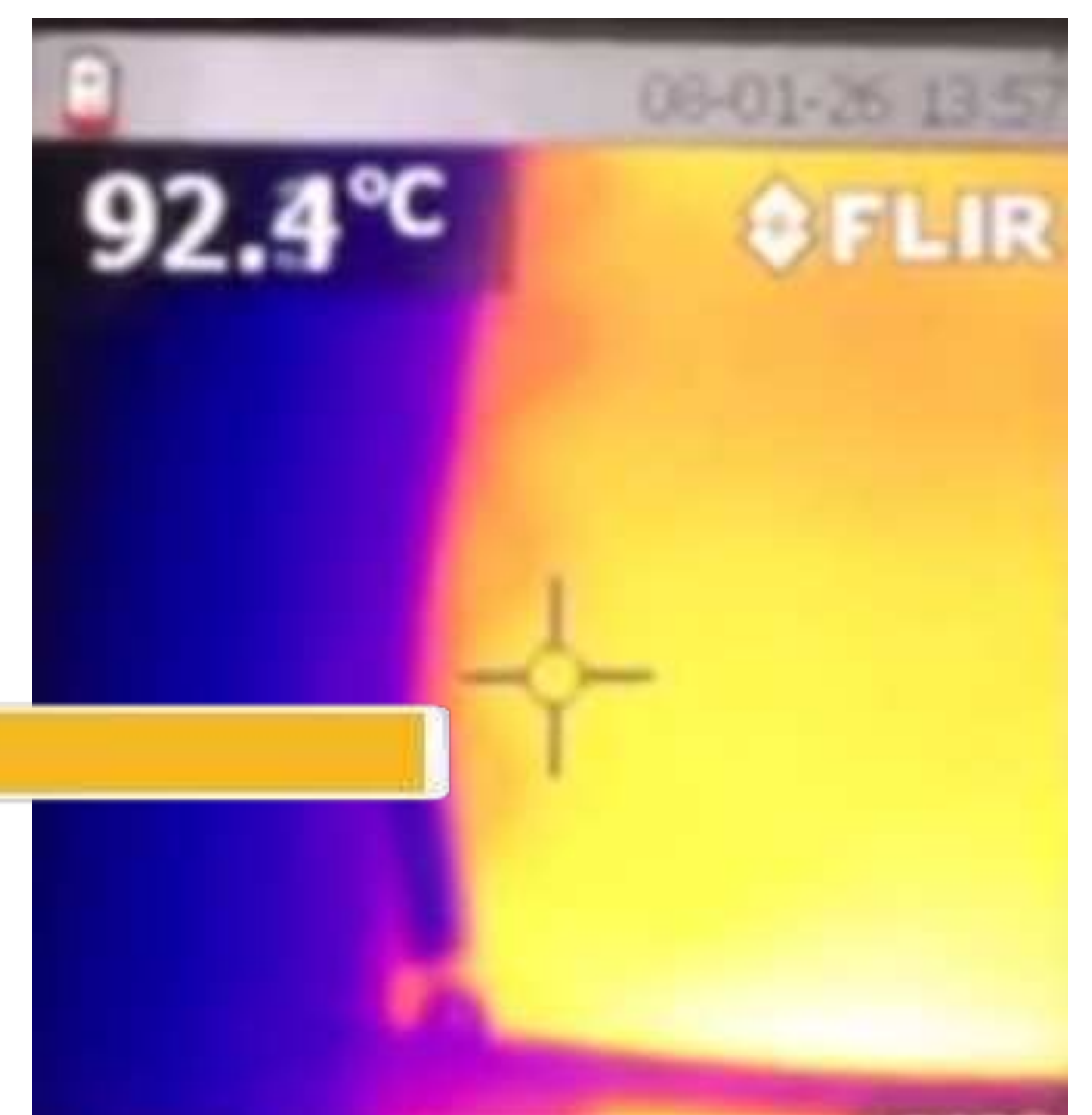
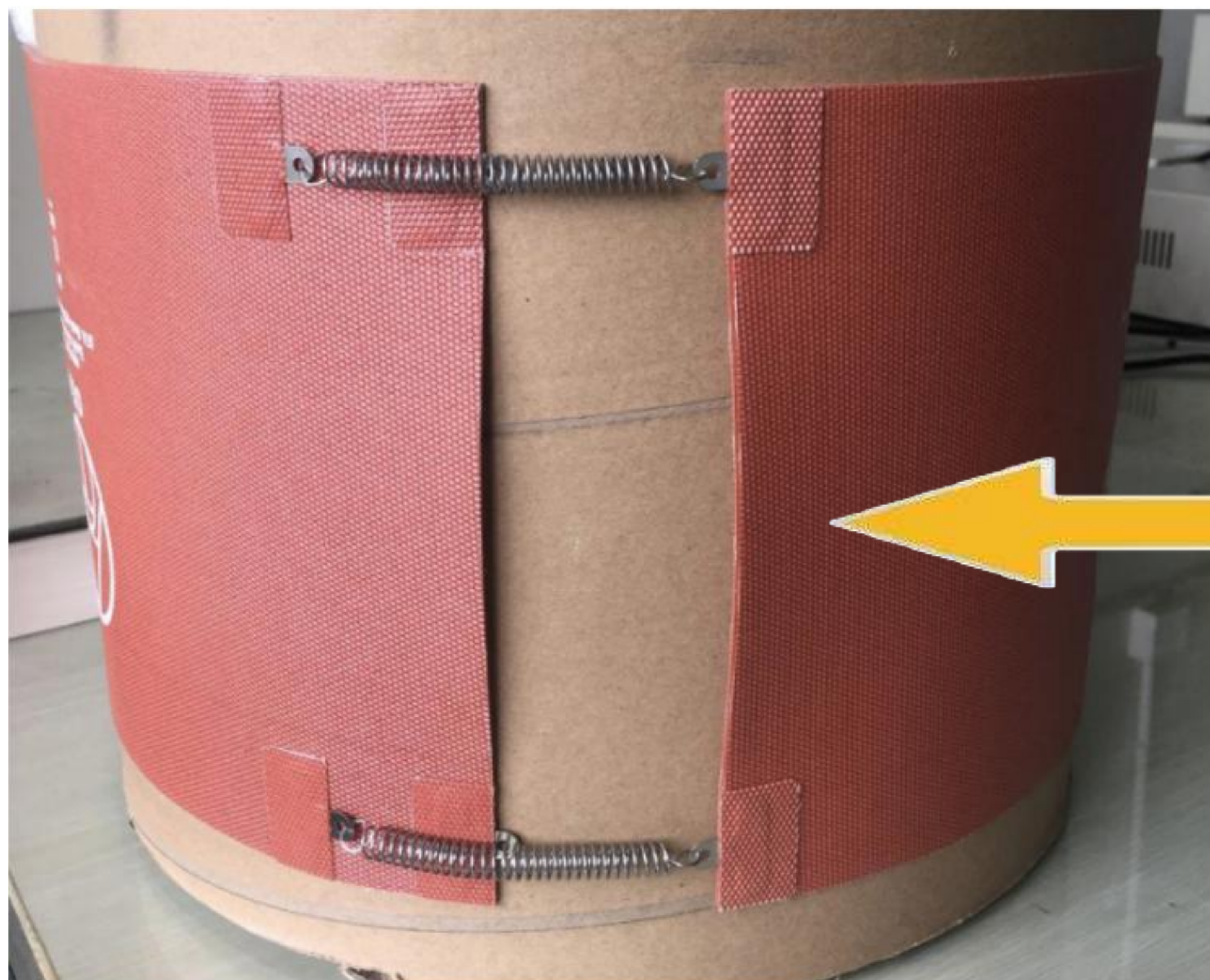
**Correct Way:** Single Layer To Avoid Overheating and Burning



**Single Layer:  
No Overlapping**



Use the matching blanket size with pipe diameter (see Page 4), Freeing Space between blanket ends to form Single Layer wrap, **preventing overlapping / overheating** (from 92.5 °C to 92.4 °C) - same temperature



**Correct Way!**  
**No Overlap = No Overheat**



## Digital External Regulator

Every Heating Blanket comes with a built in Temperature Regulator as shown below.



For Special Curing Applications: To get accurate temperature such as extreme weather. OTA Fiberglass External Digital Regulator is an optional add-on which can offset any weather conditions and provide accurate temperature measurements to 0.01°C.

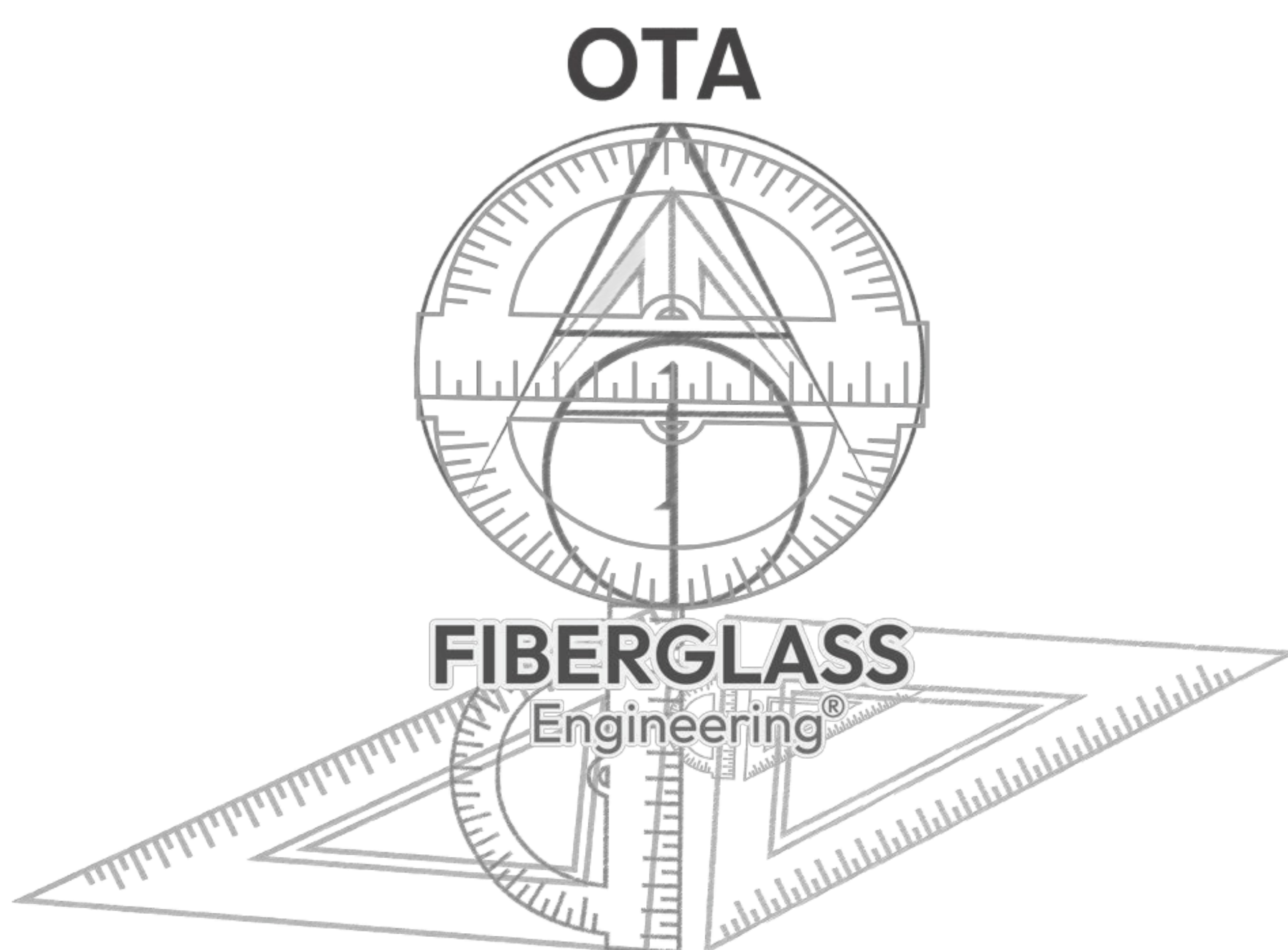
It is also recommended for safety in case of operating with multiple adjusting temperatures as to avoid touching / being close to the Hot Blanket Surface



When connected to Heating Blanket as shown below, the External Digital Regulator overrides / replaces the function of the built in Temperature Regulator.







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