



**& ASSOCIATES, INC.**

## **FG-1 Fiberglass Tape**



### **Description**

FG-1 fiberglass tape is a general purpose tape reinforced with glass-yarn filaments that give the tape high tensile strength and low stretch. The backing provides excellent abrasion and moisture resistance. Fiberglass tape is used to secure heat tracing to process lines, valves, flanges, etc.

### **Features**

- Resists water vapor.
- High tensile strength combined with low stretch.
- Good handling characteristics saves time through ease of dispensing and tape application.
- Adhesive provides good holding under a wide range of application conditions with minimum amount of tape.
- Printable.

### **Specifications**

<b>Tensile Strength</b>	300 lbs./inch width
<b>Overall Thickness</b>	6.0 mils
<b>Elongation</b>	4.5%
<b>Service Temperature Rating</b>	185°F
<b>Backing</b>	3M™ Scotchpro™ Film
<b>Adhesive</b>	Pressure-sensitive rubber resin
<b>Adhesion to Steel</b>	55 oz./inch width
<b>Dimensions</b>	3/4" x 180'

### **Applications**

- Constant Wattage Heater Cables
- Self Limiting Heater Cables

**Note:** Typically, the amount of tape required to secure heat trace is determined by taking the pipe diameter and finding the circumference ( $C = D \times \pi$ ) and adding 3" of overlap. Next multiply your answer times the length of process pipe to be traced.

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