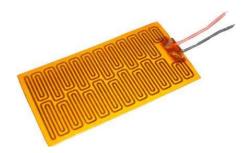
UPP Series (PTC Heating element)



APPLICATION

Medical equipment, Battery heating, Foodservice equipment, Factory bonding and subassemblies, Photographic equipment, Optical equipment, Material Handling, Freeze protection for hardware, any application requiring a flexible shape or design, More detail.

Make safer Technology manufactures a variety of flexible heaters including Ethel foil heater, Film heater, Silicone rubber heaters, Drum heaters, Polyimide (Kapton film) heaters, PET heaters and Flexible mica heaters.

INTRODUCTION

Flexible heaters are just what the name implies: thin, bendable and shaped to fit your equipment.

You can apply heat to the most complex shapes, geometries conceivable without sacrificing efficiency or dependability.

FLEXIBLE HEATER TYPES

Materials	Max. watt density	Max. temp.	Thickness	
Silicone rubber	2.1 W/cm	260℃	0.8~2mm	
Polyimide (Kapton)	7.8 W/cm ²	200℃	0.12mm	
PET	0.2 W/cm ²	80°C	0.2~0.4mm	
Mica	12.0 W/cm ²	600°C	0.75mm	

ADVANTAGE

High, low & variable watt density heating element, high performance under a variety of condition.