

## HOT MELT HEATED HOSES



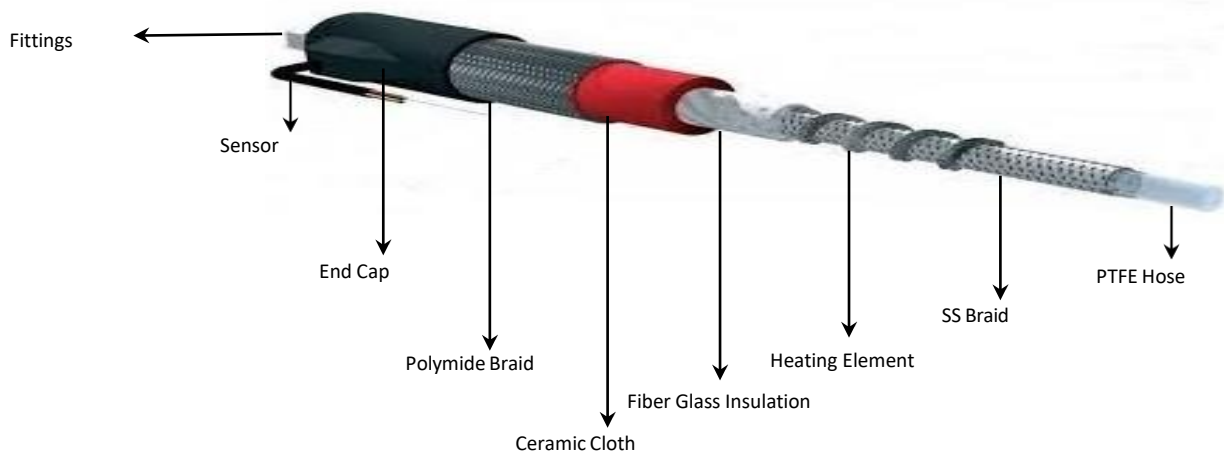
**MARATHON HEATER (I) PVT. LTD.**

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## Hot Melt Heated Hoses



### Construction

- **Pressure Hoses-** Heavy Duty PTFE Hose
- **Rain Force Braid-** Carbon Stain Less Steel Braided
- **Independent Heating Alloy-** Nichrome 80/ Alloy 875/ Alloy 815/ Nickel 200/ Alloy 30/ Alloy 15/ Alloy 10/ Alloy 5/ Alloy 27 / Alloy 50/Copper/ Stainless Steel/ Customize.
- **Thermal Insulation-** Fiber Glass & Ceramic Cloth
- **Temperature Sensor-** RTD/Thermocouple
- **Max. continuous Temperature-** 250° c

### Introduction

The heated hoses feed the hot melt from the basic appliance to the applicator system, ensuring that the properties of the adhesive are preserved. The heated hoses are designed to last longer and guarantee a constant temperature over the full length to remain char free and prevent changes in the glue viscosity. The hot melt hoses are very flexible, can be laid out at will and serve to connect movable appliances systems.

High-tech components are used to create the Marathon Heater created and produced for Use glue systems. For manual handgun and robotic applications, Marathon Hoses are very flexible. They are further reinforced to avoid any external and internal structural deformation brought on by rapid motions.

- Complete adherence to Use systems
- PTFE hose of high grade can withstand continuous temperatures of 250° c and burst pressures of four times working pressure.
- Under high temperature working conditions, PTFE heavy-duty Teflon is impervious to all solvents, acids, and harsh adhesives.

### Application-

- Robust Hoses
- Glue Machine
- Maintaining for Viscosity

## Construction Data

Pressure Hoses	Heavy Duty PTFE Hose
Rain Force Braid	Stainless Steel Braided 100%
Voltage range	230 Volt AC/ 50,60HZ
Independent Heating	Alloy- Nichrome 80/ Alloy 875/ Alloy 815/ Nickel 200/ Alloy 30/ Alloy 15/ Alloy 10/ Alloy 5/ Alloy 27 / Alloy 50/Copper/ Stainless Steel/ Customize
Thermal Insulation	Fiber Glass tape/Silicone foam
Temperature Sensor	XLPE/Silicon/FEP/ETFE/ECTFE/FPA/PTFE/Customized.
End Cap	Hard Cap
Power Cable	Silicon
Fittings	Carbon stainless steel

## Technical Specification

Product Name	Hot Melt Heated Hoses
Function	Prevent the Hose Freeze
Features/Benefits	To prevent Oil & Gas Condensing in hose
	To Prevent the Condensing Hose Glue
	Simplify mold changes
	Minimize the thermal expansion and vibration from heating
	Flexible connection between co-extruder to mold.
	Maintain Glue/Ink Viscosity
Hoses Material	PTFE 250°C Grade
Braiding	SS Braid 304
Fiberglass Tape	500 °c
Independent Element	Alloy- Nichrome 80/ Alloy 875/ Alloy 815/ Nickel 200/ Alloy 30/Alloy 15/ Alloy 10/ Alloy 5/ Alloy 27 / Alloy 50/Copper/ Customize
Resistance (ohm/m)	3500 ohm/m -0.169 Ohm/m
Max. Working (BAR)	300
Max Bursting (BAR)	Up to 1900
Maximum working Temperature	Up to 250°C
Outer Jacket	Nylon Braid/Polyamide Braid Black/Customized
Sensor	RTD/Thermocouple