Gemini™

GEMINI™ HOT MELT HOSES PREVENT HOT MELT LINE DOWNTIME BY UTILIZING DUAL CIRCUITRY WHICH CAN BE ACTIVATED IN THE EVENT OF A FAULT OR FAILURE. AS A RESULT OUR CUSTOMERS CAN SAVE TIME AND MONEY.

GEMINI™ HOT MELT HOSES ARE ALSO IN WATER-RESISTANT VERSION AVAILABLE.

SAFETY

Multiple electrical ground channels support a safe operating environment.

RELIABILITY

Dual-circuitry activates in the event of a temperature sensor or heating element failure.

DURABILITY

Optimized electrical spiral heating over the entire hose length avoids punctual heating points, virtually eliminating adhesive char. Aircraft-quality Teflon® lined stainless steel braided hose core maximizing durability.

GEMINI™ HOT MELT HOSE

Never before has a hot melt hose been as reliable as the Gemini™ Hot Melt Hose from ITW Dynatec. Incorporating a back-up heater and temperature sensor, the Gemini™ Hose will alert the operator if a heater or sensor failure occurs, and a built in switch can be activated to turn on a back-up circuitry. This allows time for a new hose to be replaced at the next scheduled production downtime. Less production downtime means more productivity and profit.

FEATURES

- Less downtime equals more annual savings.
- Competitive hose configurations available.
- Unmatched reliability.
- Simplified preventive maintenance.
- Back-up heater and temperature sensor are activated by manually activating the secondary circuitry.
- Competitive hose configurations available.
- Optimized electrical spiral heating over the entire hose length avoids punctual heating points, virtually eliminating adhesive char.

TECHNICAL DATA

Sensor (DynaControl™)	100 Ohm Platinum RTD (coefficient = 0.00385 Ohm/Ohm/°C)
Wiring	1000 VAC 260°C (500°F) nickel plated copper multi-strand, TFE insulated
Flex Hose	Extruded TFE (innercore) / type 304 stainless steel wire braid (outercore)
Maximum Operating Temperature	218 °C (425 °F) continuous
Maximum Operating Pressure *	20 - 141 bar (295 - 2046 psi) at 218 °C (425 °F)
Minimum Burst Pressure *	206 - 564 bar (3000 - 8184 psi) at 218 °C (425 °F)
Inner Diameter	.8 cm (#6), 1 cm (#8), 1.6 cm (#12), 2.2 cm (#16), 3.5 cm (#24)
Length	1.2 - 18 m (4 - 60 ft)

* according to nominal diameter

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