

Gemini™ - Hot Melt Hose

The Gemini™ Automatic Hot Melt Hose prevents hot melt line downtime by utilizing dual circuitry which activates in the event of a temperature sensor or heater element fault or failure. A set of LED lights illuminate to let the operator know that the switch has been made, saving time and money. Gemini™ hot melt hoses are available in automatic, manual, and competitive configurations.

Gemini™ Automatic - Hot Melt Hose

- Back-up heater and temperature sensor are automatically activated in the event of a fault.
- Flashing illuminated control box indicates back-up heater or temperature sensor activation.
- Competitive hose configurations available.

Gemini™ Manual - Hot Melt Hose

- Back-up heater and temperature sensor are activated by manually activating the secondary circuitry.
- Competitive hose configurations available.

Durability

Teflon® lined stainless steel braided hose core.

Reliability

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

Versatility

Competitive hose configurations available with Gemini™ technology.



ITW Dynatec - Gemini™ Automatic Hot Melt Hose

The Dynatec Difference...

Reliability

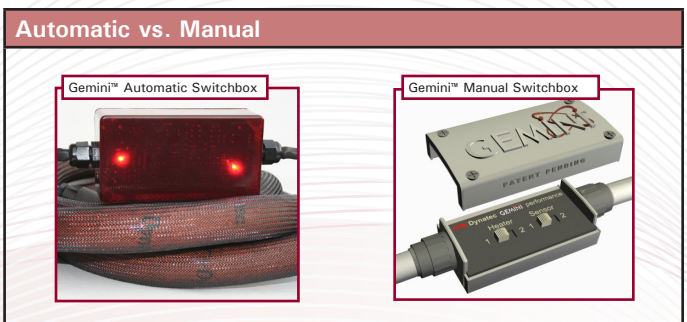
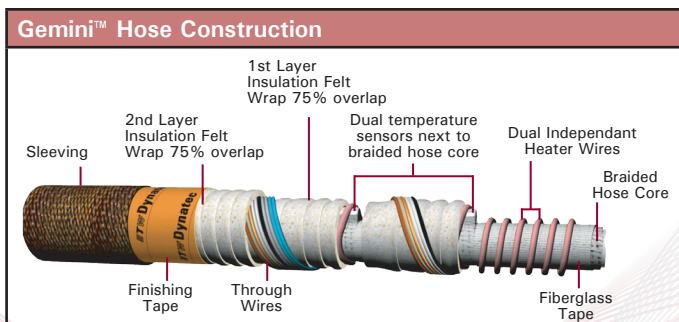
Never before has a hot melt hose been as reliable as the Gemini™ Automatic Hot Melt Hose from ITW Dynatec. Incorporating a back-up heater and temperature sensor, the Gemini™ Automatic Hose will alert the operator if a heater or sensor failure occurs, while simultaneously switching to the back-up circuitry. This allows time for a new hose

to be ordered and then replaced at the next scheduled production downtime. Less production downtime means more productivity and profit.

Gemini™ - Hot Melt Hose

System*	Gemini™ Automatic & Manual Hot Melt Hoses
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*	86 bar (1250 Psi) at 218°C (425°F)
Minimum Burst Pressure*	344 bar (5000 Psi) at 218°C (425°F)
Dimensions	
Inner Diameter	.8cm (#6), 1cm (#8), 1.6cm (#12), 2.2cm (#16), 3.5cm (#24)
Length	61cm (24in) - 1828.8cm (720in)

*These specifications apply to a #6 (5/16 in.) hose only.



Double Circuits, Greater Benefits

- Less downtime equals more annual savings
- Competitive hose configurations available
- Unmatched reliability
- Simplified preventive maintenance

Number of Hot Melt Hoses in Production

Estimated Annual Savings Chart

Average Line-Down Cost (per minute)

	5	10	15	20	25	30	35	40	45	50	55	60
100	\$4,500	\$9,000	\$13,500	\$18,000	\$22,500	\$27,000	\$31,500	\$36,000	\$40,500	\$45,000	\$49,500	\$54,000
200	\$9,000	\$18,000	\$27,000	\$36,000	\$45,000	\$54,000	\$63,000	\$72,000	\$81,000	\$90,000	\$99,000	\$108,000
300	\$13,500	\$27,000	\$40,500	\$54,000	\$67,500	\$81,000	\$94,500	\$108,000	\$121,500	\$135,000	\$148,500	\$162,000
400	\$18,000	\$36,000	\$54,000	\$72,000	\$90,000	\$108,000	\$126,000	\$144,000	\$162,000	\$180,000	\$198,000	\$216,000
500	\$22,500	\$45,000	\$67,500	\$90,000	\$112,500	\$135,000	\$157,500	\$180,000	\$202,500	\$225,000	\$247,500	\$270,000
600	\$27,000	\$54,000	\$81,000	\$108,000	\$135,000	\$162,000	\$189,000	\$216,000	\$243,000	\$270,000	\$297,000	\$324,000
700	\$31,500	\$63,000	\$94,500	\$126,000	\$157,500	\$189,000	\$220,500	\$252,000	\$283,500	\$315,000	\$346,500	\$378,000
800	\$36,000	\$72,000	\$108,000	\$144,000	\$180,000	\$216,000	\$252,000	\$288,000	\$324,000	\$360,000	\$396,000	\$432,000
900	\$40,500	\$81,000	\$121,500	\$162,000	\$202,500	\$243,000	\$283,500	\$324,000	\$364,500	\$405,000	\$445,500	\$486,000
1000	\$45,000	\$90,000	\$135,000	\$180,000	\$225,000	\$270,000	\$315,000	\$360,000	\$405,000	\$450,000	\$495,000	\$540,000
1100	\$49,500	\$99,000	\$148,500	\$198,000	\$247,500	\$297,000	\$346,500	\$396,000	\$445,500	\$495,000	\$544,500	\$594,000
1200	\$54,000	\$108,000	\$162,000	\$216,000	\$270,000	\$324,000	\$378,000	\$432,000	\$486,000	\$540,000	\$594,000	\$648,000
1300	\$58,500	\$117,000	\$175,500	\$234,000	\$292,500	\$351,000	\$409,500	\$468,000	\$526,500	\$585,000	\$643,500	\$702,000



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