

# PureFlex®

## Heated Hoses

June 2009



Optional micro controlled processor for precise temperature control

PureFlex PTFE hose with stainless braid and sanitary end connections, other hose and fitting styles available

Reflective tape disperses heat and aids in insulation factor

Silicone prewrap serves as an elastic cushion as well as a dielectric insulator



Hardened tight molded Polyolefin, bonding the heating components to the hose

Polyester braid wraps tightly around insulation maintaining product integrity and protecting internal components

High Temperature Polyimide insulation blankets heating elements and reflective tape to provide stable temperature control

Proprietary heating element is wound uniformly and in tight proximity to provide accurate heating and control. "J" thermocouples or RTD's sensors are available.

PureFlex electrically heated option may be applied to any of the hoses and fittings available from PureFlex. Our superior insulations and precisely applied heating elements provide the most temperature-stable heated hoses on the market. PureFlex heated hoses are excellent for maintaining viscosity control, freeze protection and dispensing temperature sensitive media. Temperature options from ambient to 450°F (hose selection dependant). Contact PureFlex for more details.

**PureFlex®**  
Inc.  
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