HEATED HOSES

• NSI’s high-pressure hose has a smooth bore PTFE core overbraided with stainless steel for improved strength;
• Two layers of fiberglass/silicone bedding insulation;
• Fiberglass reinforced nichrome heating element;
• 1/2" of a thermal insulation made of meta-aramid felt or silicone foam;
• Moisture barrier rated at 130°C protects felt insulation;
• Standard abrasion protection: polyester braid. Optional: water resistant jacket or metal braid;
• Hard plastic or heat-shrink end caps (depending on hose size);
• Standard fitting: 37° JIC female swivel on both ends. Optional: Male NPT or other fitting types on request;
• Maximum recommended working temperature: 400°F/204°C (continuous);
• Maximum working pressure: 5000 psi (at 72°F), 3000 psi (at 400°F);
• Custom lengths are available;
• Standard temperature sensor: Thermocouple Type J. Optional: RTD, thermistor, thermocouple of other types;
• Standard electrical termination: 6 ft. lead cable with ground wire (AWG 18) fiberglass overbraided. Custom terminations are available on request;
• Power supply: 115V or 230V. Custom voltage rating may be ordered;
• Standard power rating: 35W or 70W per linear foot. Custom ratings are available on request.