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## Thermoflect – A Simple Patient Warming System Using Heat Reflective Technology

**McDonough, GA–(January 2011)**–Preventing hypothermia – keeping a surgical patient or injured person warm – can literally be a matter of life or death. Studies show that hypothermic patients have an increased risk of infection and other serious complications. Now, with Thermoflect, there is a simple solution to hypothermia.

Thermoflect is based on technology pioneered by NASA. It works by reflecting back the body’s own heat to help prevent cooling. Thermoflect also prevents convective heat loss (wind chill). It’s lightweight, durable, and comfortable for the patient. Wrap a piece of Thermoflect around your hand and within moments you’ll feel the warmth building.

Medical facilities and Emergency Medical Services are constantly battling the clinical implications of hypothermia and its adverse effects on patient recovery, outcomes, and the cost of treatment. When the body is kept at a normal temperature range (97.9°F-99.5°F) throughout all perioperative phases, it’s better able to fight infection. Surgical site infections remain one of the most common and serious complications of surgery. Many hospitals are currently using Thermoflect. Some are evaluating its role in reducing the negative consequences of hypothermia, including infections in surgical patients, as part of the Surgical Care Improvement Project (SCIP).

Thermoflect is also being used by the U.S. military to help prevent hypothermia in injured soldiers as they are transported from the battlefield. Since it requires no electricity and no maintenance, Thermoflect is cost effective and versatile. It is available in a wide range of products, including blankets, caps, patient gowns, and jackets. Thermoflect is a product of Encompass Group, LLC. Encompass helps healthcare and hospitality providers create safe and comfortable environments for patients, staff, residents and guests.

### About Encompass Group

Encompass Group, LLC (McDonough, GA) is one of the leading manufacturers and marketers of reusable textiles, professional apparel and disposable and single use medical products. For nearly a century, Encompass has been helping health care and hospitality organizations create safe and comfortable environments for patients, staff, residents and guests. By focusing on innovation, product knowledge and customer service, we strive to always meet the needs of our clients and surpass their expectations.

Our people and services, combined with our comprehensive distribution and manufacturing facilities, allow Encompass to offer our customers the broadest spectrum of textile related solutions in the health care marketplace today. For more information, contact Encompass Group Vice President, Marketing at [joe.przepiorka@encompassgroup.net](mailto:joe.przepiorka@encompassgroup.net), 800 797 1107.

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