

**Contact:**  
Barbara Lee  
Chromalox  
412-967-3800  
barbara.lee@chromalox.com

## **Chromalox Launches New Skin-Effect Heating System Designed for Long Pipe Runs of Up to 15 Miles**

*Cost-effective option for chemical, petrochemical, oil and gas industries*

PITTSBURGH, PA — [February 15, 2011] — [Chromalox](#), a leading manufacturer of electric heat and control products, has introduced a new Skin-Effect Heating System designed for long-distance pipelines up to 15 miles in length. Because it uses a single power supply, the [Skin-Effect Heating System](#) provides a cost-effective alternative for freeze protection, temperature maintenance and heat-up, particularly in remote areas where installation and maintenance are more complex and expensive.

Typical applications include tank farms and storage terminals as well as long-distance piping between processing facilities in oil and gas, refining, chemical, and similar industries. The system includes a small steel tube, containing a skin-effect electric cable, which is banded onto the pipe. The cable and tube transfer conductive heating directly to the wall of the process pipe. Supply connections are made in special boxes. This method eliminates the need for additional heating equipment, such heat exchangers, circulation heaters or conventional heat trace.

“Our Skin-Effect Heating System addresses the need in process industries for a cost-effective way to protect and manage long runs of pipe with minimal maintenance needs,” said Mark Wheeler, Chromalox Product Manager – Systems. “In addition to reducing installation and maintenance costs, the system reduces the number of heating circuits required, resulting in lower control panel costs and simpler heating operation.”

Heat input can be adjusted up to 300° F (150° C) to handle a range of thermal viscosities, including water, crude or refined oils, steam and a variety of chemicals. The Skin-Effect Heating System can be used in pipes that are above ground, buried or submerged. With no moving parts, the system requires minimal maintenance. The system can be used with potentially corrosive processes and can be certified for hazardous areas use.

For more information about the Skin-Effect Heating System or other Chromalox products, visit [www.chromalox.com](http://www.chromalox.com).

**Skin Effect Heating System Illustrations: High resolution version available [here](#)**

**About Chromalox, Inc.**

For more than 90 years, customers have relied on Chromalox for the utmost in quality and innovative solutions for commercial and industrial heating applications. Chromalox manufactures the world's largest and broadest line of electric heat and control products, including heating components, immersion heaters, circulation systems, heat transfer systems, boilers, industrial and comfort air heating, heat trace cables, sensors and precision electronic controls. With multiple manufacturing, engineering, warehousing and sales locations throughout North America, Europe and Asia, Chromalox is a global supplier providing the highest level of customer support. Chromalox is headquartered in Pittsburgh, PA.

~~~~~