



# IRASENSE CONDITION MONITORING

Iracore offers 2 technologies for condition monitoring, both cloud-enabled for remote access:

## **Irasense CW System – Continuity Wire:**

- Continuity wire monitoring, with single or multiple zone wear loops at set thicknesses
- Pressure-rated welded fitting wire conduit
- Manual continuity inspection or automated remote monitoring system available
- Automated alarm alerts via email/SMS/other

## **Irasense TC System – Thermal Conductivity:**

- Converts temperature to thickness by using known lining insulation values and process temperatures
- Provides thickness readings of polyurethane and neoprene (+/- 3mm)
- Non-invasive with no pipe penetration needed
- Relocatable monitoring at virtually any location
- Fully retrofittable on existing piping

Learn more about our Irasense systems by visiting [iracore.com](http://iracore.com)



## Proven to Outperform

Since 1957, Iracore has been proven to outperform in our clients' toughest wear environments by leading the innovation, design, and manufacturing of engineered products, including lined pipe.

Studies have shown time and time again how Iracore materials deliver higher value than metal and other polymer materials.

Iracore is the manufacturer of elastomer wear products for abrasion and corrosion applications:

### Urethane – Cast and Spin Cast:

- Iracore develops and compounds custom polyurethane materials for specific conditions

### Rubber – Vulcanized and Cold Bond:

- Soft Natural Gum Rubber (NGR)
- Neoprene 0555\*
- Moderate Oil Resistance (MORS)
- Chlorobutyl / Bromobutyl (Butyl)
- Hot Process Water and other custom applications

### Iracore™-Lined Pipe:

- Specifically developed for cold-temperature and high-wear application.

\* Highest wearing Neoprene for use in Oil Sands – rated by the NRC

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