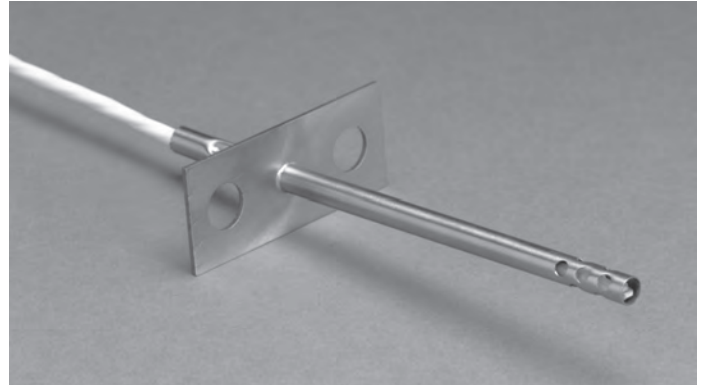




SPECIALTY SENSORS

AIR TEMPERATURE RTD'S

The perforated tip of the air resistance temperature detector is designed for rapid monitoring of airflow temperature in various applications. Small film elements used in these housings can detect incremental changes more quickly than conventional housings. This construction can also be adapted to include special flanges and fittings, as well as custom connector options.



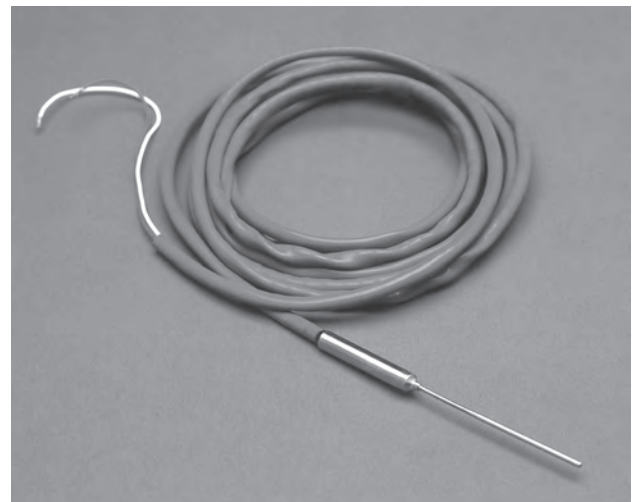
SELF ADHESIVE RTD'S

If the surface being measured for temperature cannot be penetrated or if space limitations require it, Durex can provide an RTD with an adhesive patch for direct surface mounting. We routinely provide such sensors with special adhesive to accommodate temperature and vapor release requirements.



MINIATURE RTD'S

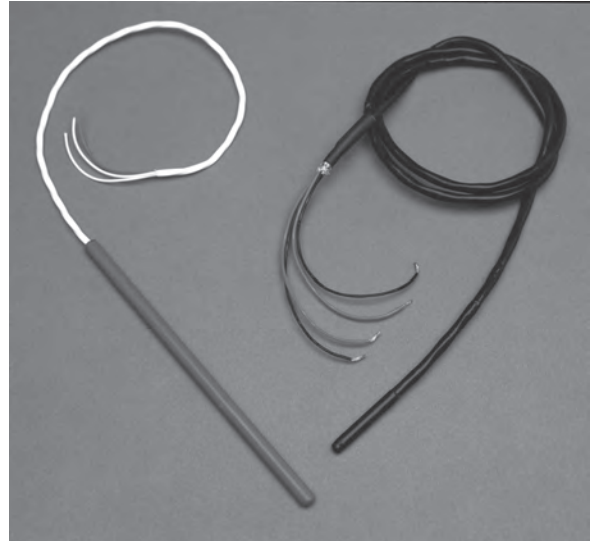
Durex produces RTD probes down to 0.062" diameter, owing to our unique manufacturing capability. There is simply no point of sensing we can't reach for you, while providing accuracy, reliability, and long service life with a miniaturized probe and compatible hardware.



SPECIALTY SENSORS

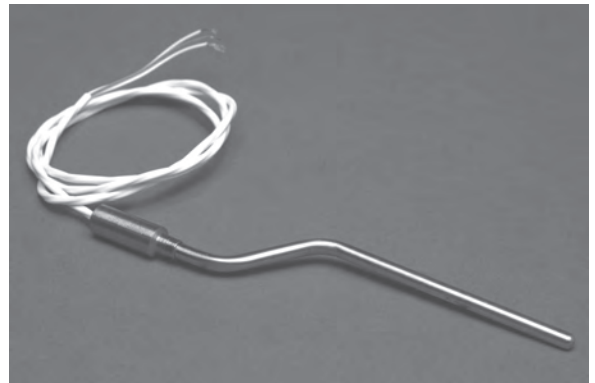
TEFLON®-COATED PROBES

RTD's are available with Teflon® coated sheaths for applications that require contact temperature measurement in corrosive or chemical environments. The Teflon® coating can be applied directly to the sheath of the RTD, providing protection while minimizing effects to response. In applications that require considerable long-term protection, a welded Teflon® sleeve can be used adding as much as 1/16" thick of Teflon® protection to the surface of the probe. Flexible RTD designs are available, which encapsulate the entire length of the RTD for applications requiring long lengths of immersion.



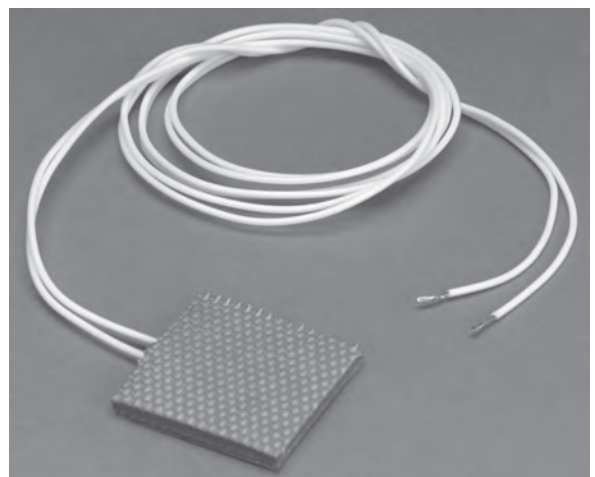
BENDABLE RTD'S

When an RTD needs to "snake" through an installation because of space limitations or other factors, Durex offers bendable elements with overbraid shielding or armor to suit the specifics of your application.



FLEXIBLE RTD'S

Utilizing the same technology as a sealed Silicone Rubber heater, Durex offers a surface mount RTD sensor for direct mounting to flat or curved surfaces. The design can be maintained in various thicknesses and supplied with an adhesive backing for quick application. A thinner profile can be used to wrap the sensor to curved surfaces such as cooling or water lines.





SPECIALTY SENSORS

HAND HELD RTD'S

Durex manufactures a line of multi-purpose hand held resistance temperature detectors for foodservice, industrial process, and laboratory applications.

Probe features include handles of stainless steel, Teflon®, or plastic and coil cord leadwires that can be constructed to withstand ambient temperatures up to 400°F. Standard designs include a mini



plug connector, but many options are available. The RTD sheath itself is typically stainless steel and can be constructed with tips designed for piercing frozen meat, sensing gas temperatures, liquid immersion, or surface temperature measurements.

FOOD SERVICE RTD'S

Accuracy and reliability are the main requirements for probes designed for use in the foodservice industry. Robust designs that can handle the rigors of the industry are essential for long term performance. Durex has manufactured a wide variety of temperature sensors specifically for use in commercial cooking and food processing equipment. All probes are designed to the rigid specifications of the individual applications including such requirements as NSF, FDA, and UL/CSA. Customer designs are available in thermocouples, RTD's, or thermistors.

