

# IR Temperature Probes

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Not all IR temperature probes are created equal. Designs with a narrow or selective wave band (Minolta Land) offer some significant process advantages, primarily for films and thin sheet. By using a narrow wave band (8-14um), most polymers remain opaque to IR, meaning no background interference and not having to worry about the emissivity. Since there is zero transmission, the emissivity for any polymer becomes a constant of 0.96 for certain film thicknesses.

- Rob Jerman

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