



## Laser Plastic Welding



### What is laser Plastic welding?

Laser plastic welding is a process by which a laser is used to bond plastic materials. Widely used in the automotive industry, as well as medical and electronics sensor industries, laser polymer welding provides low thermal and mechanical loads to the component, is highly flexible, and doesn't involve the use of particles or solvents.

There is more than one solution from our range of non-contact thermal sensors and cameras. Please contact us for further details on what product would be suitable for your application: [weld@radir.com](mailto:weld@radir.com)

### ThermoView TV40 Thermal Camera & Software



### ThermoView Benefits to the customer

- Using the Area of Interest (AOI's) feature in the ThermoView software allows you to see the temperature of the weld and compare to a reference point.
- Set multiple AOI's on weld areas for continuous monitoring.
- Using thermal map easily identify hot and cold spots on the joint that affects the product quality.

- Alarms relays are activated if set points are exceeded.
- Full integration of the software to the process system to set automatic alarming conditions.

For more details on the ThermoView TV40 please  
email: [tv40@radir.com](mailto:tv40@radir.com)

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Radir.com - Douglas House, Simpson Rd, Milton Keynes, MK1 1BA. Tel 01908 370000

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