



Vent mounted, peak temperature recorded
Certified and filed....job done



Advanced Basic

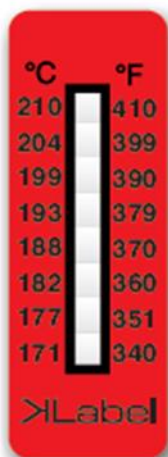


Basic

Numerous studies have demonstrated that PIAT gives a good indication of whether or not a polyethylene (PE) rotomoulded part is correctly cured, i.e. whether or not it has received sufficient heat to melt and fuse the material correctly. Our products such as K-PAQ and K-KONTROL will provide a complete trace of Internal Air Temperature throughout the rotomoulding cycle.

These systems can provide invaluable information and their use is encouraged. However, for simple quality control checks, and a low investment solution in temperature monitoring K-LABEL will do the job simply.

- Ensure correct Cure
- Avoid Under Curing
- Avoid Over Curing
- Low cost investment



Advanced

K-Label is available to buy online at:
www.493k.com

493K



Reading K-LABELS

This is simple; examine the central strip.

On the Basic Label there are three separate squares of thermographic ink, which will permanently change colour when they reach a specific temperature. The Advanced Label comes with 8 squares of thermographic ink.

Using the basic label for normal roto grades of PE, correct cure will be indicated when the bottom two squares have turned from white to black. This indicates that a PIAT of 204°C has been reached. If no squares, or only one square, of ink has changed colour, the part will probably be under-cured. If all three squares have changed colour, the part will probably be over-cured. The advanced label provides a much wider range of measurement allowing for more precise control. It will also accommodate cure of other polymer grades.



K-Label

Technical Specification

Temperature Measurement

Basic K-Label
Advanced K-Label

Max: 249 °C/480°F
Max: 210°C/ 410°F

Label Size

Basic K-Label
Advanced K-Label

Height- 51mm, Width- 18mm
Height – 25mm, Width- 18mm