



Heat-On™ PTFE Safety Covers

These innovative, solid PTFE Safety Covers reduce the risk of users touching the 'hot' Heat-On block and provide the added benefit of lowering energy consumption...

- Reduces the temperature of contact surface areas by up to 50%
- PTFE insulation reduces energy consumption by 15%
- Chemically resistant PTFE withstands temperatures up to 260°C
- Helps prevent accidental spills of solvents on to hot surfaces
- Fits easily over existing Heat-On Blocks

Improving the productivity of your chemistry...



t: +44-1799-513320
e: sales@radleys.co.uk
www.radleys.com

Reduces temperature of hot surfaces by up to 50%

Heat-On PTFE Safety Covers

These innovative, solid PTFE Safety Covers reduce the risk of users touching the 'hot' Heat-On block and provide the added benefit of lowering energy consumption...

- Reduce the temperature of contact surface areas by up to 50%
- PTFE insulation reduces energy consumption by 15%
- Helps prevent accidental spills of solvents on to hot surfaces
- Chemically resistant PTFE withstands temperatures up to 260°C
- Fits easily over existing Heat-On Blocks

Easy to use...

These PTFE Safety Covers simply slide over the top of your existing Heat-On block, acting as a second skin, allowing temperature probes and handles to be used as normal. The non-stick PTFE surfaces can be wiped clean with ease.

Improved safety...

Manufactured from solid PTFE, these Safety Covers provide an insulating barrier between the user and the 'hot' Heat-On blocks. Tests show that the temperature difference between the outside surface of the PTFE cover and the Heat-On block can be as much as 100°C (Fig 1) reducing the temperature of exposed surfaces by as much as 50%.



Improved efficiency...

The insulating properties of the PTFE Safety Covers mean that up to 15% less energy is required to maintain temperatures for extended periods (Fig 2).

Comparison of energy consumption with and without PTFE Safety Cover

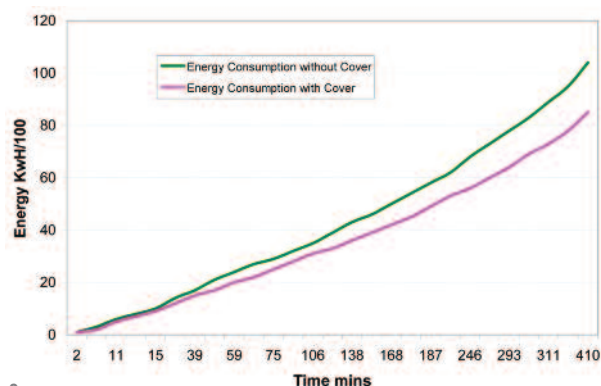


Fig 2

Why use Heat-On Blocks?

- Heat-On Blocks are simply the safest, fastest and most efficient way to heat and stir a round bottom flask from 10ml to 5 litres.
- Replace messy oil baths, heating mantles, avoid spills and make your chemistry safer, cleaner and faster.



1000ml Heat-On Block with flask filled with 500ml TEG; Stepped Block Control with PTFE Safety Cover

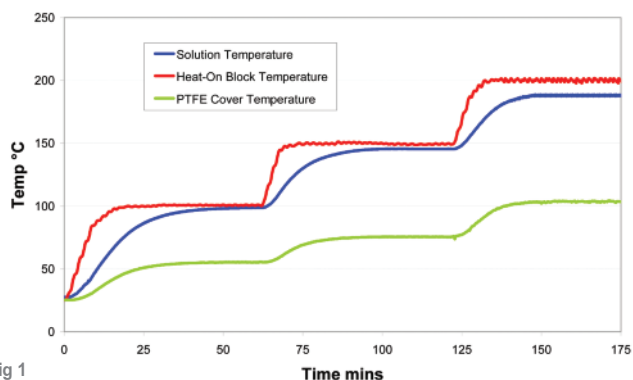


Fig 1

Cat No.	Description	For use with...
RR63005	Heat-On Multi-Well Holder PTFE Safety Cover	Multi-Well Block Holder & all Inserts
RR63040	Heat-On 200-300ml Block PTFE Safety Cover	250ml Blocks with and without flask sidearm cut-outs 200ml and 300ml Florentine Blocks
RR63045	Heat-On 500ml Block PTFE Safety Cover	500ml and 500ml Florentine Blocks
RR63050	Heat-On 1 Litre Block PTFE Safety Cover	1 Litre and 1 Litre Florentine Blocks