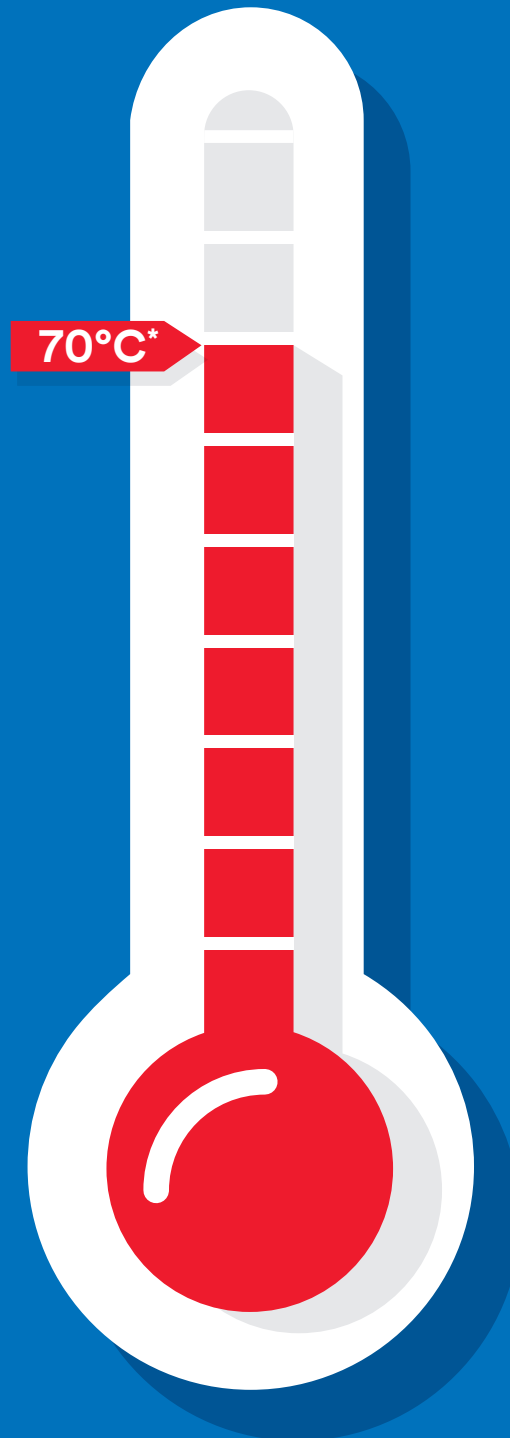
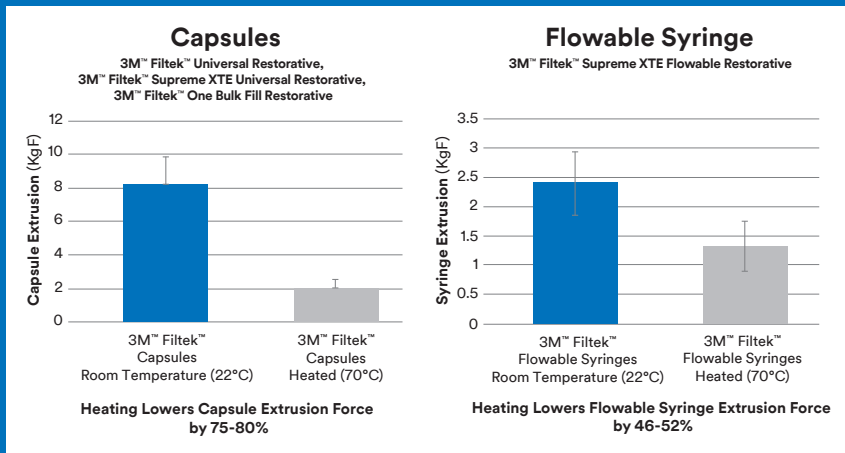




# Warm with confidence.

## 1 Why warm 3M Composites?

- Warmed composites become more fluid for easier handling
- Warming may improve adaptation of 3M composite to tooth structure<sup>1</sup>
- Warming lowers extrusion force<sup>2</sup>



## 2 Get performance with peace of mind.

### Physical Properties Unchanged:<sup>3</sup>

- Diametral tensile strength
- Flexural modulus
- Flexural strength
- Colour stability
- Depth of cure

## 3 3M offers the first dental composite tested for warming!\*\*

\*Recommended heating temperature.

\*\*3M™ Filtek™ Universal Restorative. Information correct at the time of printing.

<sup>1</sup> Based on a 3M sponsored *in vitro* study. 11 dentists placed 88 Class II MOD restorations. Teeth were microscopically examined for flaws, defects and voids. Comparisons made between techniques and operators.

<sup>2</sup> 3M Internal Data.

<sup>3</sup> When warmed according to our IFU (up to 70°C or 158°F for up to 1 hour).

# Which 3M™ Filtek™ Composites can be safely warmed?

## Universal Restoratives

- 3M™ Filtek™ Universal Restorative
- 3M™ Filtek™ Supreme XTE Universal Restorative

## 3M™ Filtek™ Supreme Flowable Restorative

## Bulk Fill Restoratives

- 3M™ Filtek™ One Bulk Fill Restorative
- 3M™ Filtek™ Bulk Fill Flowable Restorative



## The science of safety

3M has performed rigorous testing to ensure the safety of pre-warmed Filtek composites for both clinicians and patients.

- Toxicology testing has been completed for all recommended 3M products listed above.
- Extensive literature search\* and 3M pulp temperature testing confirm minimal heat transfer to the pulp.
- 3M offers the first dental composite tested for warming.



Biocompatible according to ISO-10993-1:2018 based on a review by a board-certified toxicologist.



Minimal heat transfer to the pulp.<sup>5,6</sup>

<sup>4</sup> 3M™ Filtek™ Universal Restorative.

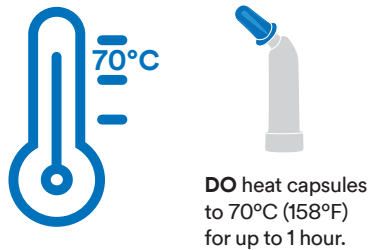
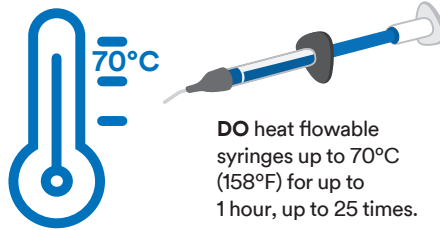
<sup>5</sup> Daronch M, Rueggeberg FA, De Goes MF, Giudici R. Polymerization kinetics of pre-heated composite. J Dent Res. 2006 Jan;85(1):38-43.

<sup>6</sup> 3M Internal Data.

## Tips for success

You can safely warm Filtek Restoratives in as little as 5 minutes! Follow these general guidelines, and refer to the instructions for use for more information.

### DO



DO consult the Instructions for Use for more information.

### DON'T



Do **NOT** use heat from a lightbulb, microwave, mug warmer or other unapproved heating devices. Only approved devices have been tested for safety and efficacy when warming select Filtek composites. Consult the Instructions for Use for more information.

[3M.com.au/Filtek](https://www.3m.com.au/Filtek)



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